ONE YEAR, SERVICE MEMBERS, \$4 CIVILIANS AND ORGANIZATIONS, \$6

Gen. Booth Selected **Deputy Chief Of Staff**

ARM

ORDERS issued Oct. 11 relieve, by direction of the President, Maj. Gen. Ewing E. Booth, General Staff Corps, from his present assignment as Assistant Chief of Staff for Supply and designate him as Deputy Chief of Staff, relieving Maj. Gen. Preston Brown. Gen. Booth's tour of duty on the General Staff will expire by law on Dec. 21, 1930.

on Dec. 21, 1930.

The same orders relieve Maj. Gen. Preston Brown from detail as a member of the General Staff Corps, from assignment to the War Department General Staff and from duty as Deputy Chief of Staff, effective Oct. 11. They also assign him to the command of the Panama Canal Department. General is now on leave of absence and

the Panama Canal Department. Gen. Brown is now on leave of absence and will sail from New Orleans for the Panama Canal Zone on Nov. 15.

Gen. Booth was born at Bowers Mills, Mo., Feb. 28, 1870. He began his military career at Pueblo, Colo. as a private in the 2nd Inf. of the Colorado National Guard, in which regiment he had attained the rank of captain prior to the outbreak of the Spanish-American War. In May, 1898, he was appointed a captain in the First Colorado Volunteer Infantry and served with that organization in the Philippine campaign which resulted in Philippine campaign which resulted in the capture of Manila from the Spanish forces and in subsequent engagements against Insurgent forces. In July, 1899, while still in the Philippines, he was commissioned a captain in the 36th U. S. Volunteer Infantry. He participated in many expeditions and engagements with Insurgent forces on the Island of Luzon until 1901. Commissioned a 1st lieutenant of Cavalry in the Regular Army in Feb., 1901, he was ordered to join the 7th U. S. Cav. in Cubas, where he served until May, 1902, when he was sent to Ft. Leavenworth, Kans., as a student officer at the Infantry and Cavalry School. Upon completion of that course he rejoined the 7th U. S. Cav. at Chicamauga Park, Ga., where he served until Sept., 1904, when he was again ordered to Ft. Leavenworth as a student officer at the Staff College. He remained on duty at Ft. Leavenworth for four years after graduation from the Staff Collge, for two years as an instructor and two years as secretary of the Army Service Schools.

In 1909 he rejoined the 7th U. S. Cav. at Ft. Riley, where he served until Feb., 1911, when he accompanied his regiment to the Philippine Islands. In January, 1913, he was detailed as aide-de-camp to Maj. Gen. J. (Please turn to Page 147) Philippine campaign which resulted in the capture of Manila from the Spanish

(Please turn to Page 147)

Legion Backs Pay THE full text of the resolution

adopted by the American Le-gion at its Boaton convention

Resolved, That it is the sense of this convention of the Ameriof this convention of the American Legion, assembled at Boston, Mass., October 6 to 9, 1930, that the security of the Nation depends as well upon maintaining high morale among the officers, entisted men and nurses of the armed forces as it does upon maintaining adequate national defense.

Be it resolved, therefore, That the American Legion favor adequate and just compensation for officers, enlisted men and nurses of the joint armed forces.

Be it resolved further, That the National Legislative Committee is hereby instructed to assist in every way possible to secure favorable and prompt action on this most deserving and urgent legislation. on this

N. C

Gen. MacArthur, Arriving In U. S., Stresses Pay Need

Increased Renumeration Has "My Entire Support," Next Chief Of Staff Says

San Francisco (by telegraph to the Army and Navy Journal)—The Dollar Liner President Jackson, bearing Maj. Gen. Douglas MacArthur, who is to succeed Gen. Charles P. Summerall as Chief of Staff of the Army, arrived at Quarantine anchorage in San Francisco Bay at 3 a. m., Oct. 15.

With the General were Lt. Col.

with the General were Lt. Col. Charles H. Patterson, CAC; Maj. John J. Reddy, MC, and Capt. Thomas J. Davis, Inf., all of whom have been relieved of further duty in the Philippines. Capt. Davis was Gen. MacArthur's aide-de-camp at Manila.

Arthur's aide-de-camp at Manila.

At daybreak the news reporters boarded the steamer. It is a tribute to National Defense that they were there for just one purpose, and that purpose was to size up the next Chief of Staff of the United States Army. And it is a tribute to Gen MacArthur that once the reporters saw him he was the center of interest until he left the shin.

"What kind of work were you on in the Philippines?" one reporter asked. "I commanded the United States troops in the Philippine Islands," the General replied. "How about the defenses in Correg-ider?"

idor?"
Gen. MacArthur tactfully declined

Gen. MacArthur tactfully declined to discuss the matter.

A camera man gently urged him into position. "Over here, please." "Over there, please." "Look up, please." "Look down, please."

"Look down, please."

And the General took the orders like a good soldier.

"What is your attitude on pay increase for the services?" he was asked. The General answered that question

The General answered that question squarely and the camera men were through giving orders whether they knew it or not. The General addressed himself to the reporter who had quizzed him on pay:

quizzed him on pay:
"I regard an increase in service pay as one of the most necessary considerations at present. It has my entire support. All the professional people have had increased remuneration except the military services and the military is suffering for want of a revised pay schedule."

The General stated that he was specially pleased with Army conditions in Philippines and Hawaii, remarking that in his opinion never had the Philippine Department and the Hawaiian Department been in more magnificent shape.

crissy Field provided an aerial escort of two flights as the steamer proceeded along the water front from quarantine to the Dollar Line piers.

Gen. MacArthur advised the correspondents that before going to Washington he intends to inspect a number of Army installations west of the Mississian advisability of the Mississian advis

or Army installations west of the Mississippi and including parts of the 7th and 8th Corps Areas.

The General was met at the pier by Maj. Gen. Malin Craig, USA, recently relieved of command of the Panama Department and assigned to command of the 9th Corps Area; Col. Edwin S. Hartshorn, Inf., acting corps area Hartshorn, Inf., acting corps area chief of staff, and Capt. Charles S. Kilburn, Cav., aide-de-camp, and Capt. George W. Hartmann, QMC, representing the 9th Corps Area.

senting the 9th Corps Area.

Col. Robert O. Van Horn, Inf., and Mrs. Van Horn, and other friends of the General were also present to greet him unofficially.

After Gen. MacArthur left the ship the reporters interviewed Capt. John Griffith, commanding the President Jackson. Capt. Griffith had just (Please turn to Page 160)

Greetings To The Service

I PON his arrival in San Fran-

UPON his arrival in San Francisco, Oct. 15, Maj. Gen. Douglas MacArthur, USA, who is to become Chief of Staff of the Army on Nov. 20, made the following statement for publication in the Army and Navy Journal: "It is good to be back within the continental limits of the United States. It is especially nice to see again old friends. Please extend through your columns my greetings to members of the Service.

"I am gratified to hear of the progress that has been made by the Interdepartmental Pay Board. In this connection an increase in service pay is one of the most necessary considerations at the present time and I strongly favor necessary considerations at the present time and I strongly favor it."

Adm. McNamee Puts Name To Pay Report

THE work of the Interdepartmental Pay and Promotion Board, convened at the suggestion of Congress, to recommend a uniform system of pay and promotion for all the branches of the uniformed services, has been vir-

the uniformed services, has been virtually completed.

The Board's report, signed by Rear Adm. Luke McNamee, will be submitted directly to the Comptroller General for his review; then will be passed on by the Bureau of Efficiency and will undergo budget scrutiny as to its bearing on the financial program before finally being submitted to Congress.

gress.

It will not be submitted to the heads of the various departments affected.

Anticipating the departure of Adm. McNamee for his now command of Battleship Division Four, as announced exclusively in the Army and Navy Journal of last week, the report was whipped into shape for his signature. Another meeting of the board will be held Sept. 20, with Rear Adm. Frank Clark presiding, to put the finishing touches on the report to draft the proposed bills. Broadly speaking, the pay bill is almost identical with last year's measure, minor changes brought about by the increase flow of promotion being the only difference.

The promotion bill provides separate The promotion bill provides separate systems for each branch to meet the individual problems, all drafted so as to give an equalized flow of promotion so far as possible. They are drawn to cover a period of approximately ten years with the view that after this era of readjustment it will be possible to evolve a scientific uniform promotion system.

adjustment it will be possible to evolve a scientific uniform promotion system. The problems are widely different. For instance the Navy went through a process of elimination via the plucking board, that led up to the present system of selection as now applied to the upper grades. The Army faces a period of evolution during which there must be elimination in preparation for future selection. It is obvious that the board's plan provides for involuntary attrition to get rid of the existing hump. It is understood that the provisions of the bill give an increase flow of promotion by placing the time limit in each grade. in each grade.

In carrying out the mandate of the committee the board was forced to certain recommendations that are incon-gruous and will probably be stricken out by Congressional action. For in-stance "Uniformity" forces the one per cent of admirals in effect in the Navy, on the Coast Guard and Public Health Service, a result that is hardly likely

1932 Service Budgets To Carry on Economy

By M. H. McINTYRE
CURTAILMENT of current naval expenditures by approximately \$30,000,000 and the Army by an unknown figure, estimated as high as \$50,000,000 in the Administration's economy drive, is but a forerunner of similar reductions for both branches next year, according to indications shown in the hearings by the budget on the 1932 hearings naval estimates.

There will be one very material difference. If the cuts are made next year it will be by due and orderly process and with the sanction of Congress. The present cuts are being made on the initiative of the executive branch of the government and will eventually raise the question as to the constitutional rights involved.

With relitical forces communing the

With political fences occupying the undivided attention of most members of Congress, the reaction to the drastic burden, of saving funds already authorized and appropriated, placed upon the Army and Navy cannot yet be accurately estimated.

be accurately estimated.

It is the prerogative of Congress to provide for the national defense. By limiting appropriations, Congress can fix the maximum strength to be maintained from year to year, regardless of the legal, authorized strength. In many quarters the argument is advanced that by the same token Congress, and not the executive departments, fixes the minimum strength. How much of a row is kicked up on the Hill remains to be seen.

Where the Army's cuts are con-

Where the Army's cuts are con-cerned, strictest official secrecy still be-ing maintained, it is understood that the majority is in deferring payments and putting over much of the expenditures until next year. So far there has been no announcement of a cut in enlisted strength like the Navy and Marine Corps suffered, and War Department officials believe there will be no re-

Reaction to the unexpected move of the Navy Department in cutting down the Fleet below treaty strength, is beginning to show itself, but the ef-fect it will have on House and Sen-ate is still uncertain.

Heralded as a move of efficiency in the departmental announcement, it was apparently accepted by the public in the main as a natural result of the London agreement. The significance of it was, in a great measure, lost.

Save for a flood of protests from the reserve groups who saw their sub-(Please turn to Page 147)

Retired Officers Meet

Retired Officers Meet

Los Angeles, Calif.—A large and enthusiastic meeting of the Retired Officers' Association of the United States was held at the University Club here Oct. 1. Approximately 100 were present. The speakers of the evening were Congressman Joe Crail, Capt. J. H. Hoepel, editor of the Retired Men's News, Brig. Gen. William H. Allaire, and Col. Paul F. Straub, while the toastmaster was the president of the association, Col. A. T. Marix.

Congressman Crail spoke in a very

Congressman Crail spoke in a very happy frame of mind and promised to those present his full and unqualified support of a new pay measure for the United Services, stressing the point of the necessity of having capable men as leaders of the armed forces of our Country in time of war and for the maintenance of the National Defense

Capt. Hoeppel, in addressing the meeting, spoke of the policy of the Retired Men's News, the necessity of securing certain legislation which would benefit the enlisted man, and at the same time supporting in no un-(Please turn to Page 148)

Press Doubts Wisdom Of Drastic Cuts Made In Fleet Reorganization

DOUBT THAT the economies affected under the reorganization of the United States Fleet work to the best interests of the country is expressed by many of the newspapers commenting on the curtailment in personnel and tonnage contemplated. While many papers content themselves with remarking that the Navy has carried out its part of the Londan Treaty, and others who are regularly found upon the pacifist side in any controversy over national defense view the cut with satisfaction, a number of the better informed editors look beyond the surface of the Navy Department's announcement of the change. Many of them point out that more vessels are to be decommissioned now, than the London treaty requires during its than the London treaty requires during its life, and warn against letting motives of economy have any weight when the impor-tant question of national security is involved. Practically all of them call upon Congress to push the authorization and appropriation for the new vessels allowed under the treaty.

"A PROBABLE explanation of the Navy Department's action is that decommissioning of the battleships and submarines called for by the London treaty will release a considerable number of men; that the additional cruisers and aircraft carriers permitted by the treaty will not be completed to receive the men so released for several years to come," states the Washington Star (Independent). "A public statement on the subject would be reassuring.

"This much seems certain: Additional vessels in the cruiser and aircraft carrier class will be required, if we are actually to achieve p

will be required, if we are actually to achieve parity with the British Navy. * * * "More alarming than the projected personnel slash is Adm. Pratt's statement that 'nobody expects to have all the ships in peace which will be wanted in time of war. What we need is a nucleus of a fleet, sufficiently large so it can adequately train a number of men to perform all the tactical exercises required "By 'a nucleus of a fleet' Adm. Pratt can hardly mean what is generally un-

"By 'a nucleus of a fleet' Adm. Pratt can hardly mean what is generally understood when we speak of the nucleus of an army. The justification of our skeleton Army is that should the need arise, and given time, it can be expanded into a great civilian force behind the bulwark of an adequate Navy.

"It must not be forgotten that time also is required to organize our ship-yards and build even the smallest vessels of the fleet. It takes years to construct the largest units. It takes time to turn green recruits into efficient sailors. A nucleus behind a nucleus is hardly designed, in President Hoover's recent words, to 'safeguard our defense.'

"Congress is sure to subject the naval economy program to the scrutiny it deserves."

"THE ELIMINATION of these vessels, which are principally destroyers and submarines, increases the efficiency of our Navy by making way for the new building program which Congress may approve," avers the Springfield, Mass., Union (Republican). "* * In the categories which seem to us most important Congress is expected to authorize and make appropriations for building up to the tonnages which the London treaty allows us, particularly with respect to 10,000 ton cruisers remaining to be built. We shall have 15 battleships besides, and the public will show little disposition to allow our fleet to lay behind the effectiveness of the most powerful in the world."

"WHY NOT wait for the other signatories to the London Treaty before taking decisive action?" asks the Webster, Mass., Evening Times (Independent). "With so many of the South American republics revolting, or revolted, Italy and France increasing their military strength, Germany, India and China torn by internal disorders, isn't it a good time to do a little 'watchful waiting' before dismantling our own ships?"

"A FTER ALL that has been said about the importance of naval parity between the United States and England, the reorganization and modernization program now under way seems to call also for large appropriations for new construction," declares the Cleveland Plain Dealer (Independent Democratic). "* * Decommissioning of obsolete units of necessity carries with it the obligation to resume new naval construction on a broad scale; unless by chance the policy of the administration has been changed without the consent or knowledge either of Congress or the public.

"Economy is important. But in national defense sound economy frequently."

"Economy is important. But in national defense sound economy frequently demands free expenditure."

C. T. Chase

H. D. Childs

H. W. Cole, Jr.



I SEE BY THE PAPERS

By T. E. POWERS

"THAT THE United States, by a single stroke of the pen, is able to reduce its fleet to the treaty limit comes as somewhat neet to the treaty limit comes as somewhat of a surprise," comments the Washington Post (Independent). "By inference it is represented that the ships to be decommissioned are fit only for the junk pile. If this betrue, the strength of the Navy all the while has been no greater than the minimum requirement insisted upon by the American delegation during the London conference. The vaunted strength of the fleet consisted of rusty, inefficient vessels that were better out of commission than in active service. Viewed rusty, inefficient vessels that were better out of commission than in active service. Viewed in this light, the reorganization seems to be a forerunner of an extensive replacement program. If the present efficient fleet is no stronger than the treaty permits—which is the minimum strength required to safeguard commerce—then by 1936 additional tonnage will have become obsolete and the fleet will be below the efficiency contemplated when the London limitations were accepted. It appears that the Navy is to be operated on a pitifully small margin of strength."

COMMENTING upon the money to be saved by the cut in tonnage and men, the San Diego Union (Republican) declares, "That is good news—with reservations. It is good news to the extent that it foreshad-From The Washington Times, Oct. 13, 1930
IE PAPERS
OWERS

Is good news to the extent that it foreshadows a reduction of unproductive expense, born by the American taxpayer. The reservations suggest themselves when we reflect that money economy is a secondary consideration, and always must be, as long as we have any naval defense is the first and paramount consideration. All others must be made relative to that.

"It would be premature to applaud an economy showing before being sure of its effect, if any, upon naval efficiency."

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"THE DEPARTMENT once and for all disposes of the idea that the Navy would role of the idea that the Navy would Tribune (Independent Republican) states. "In this case there was no pressure from foreign powers and there was certainly no domestic pressure. The public has, therefore, a right to expect two things: (1) that the other naval powers will not be slow to follow our example, and (2) that Congress will meet requests for new ships without suspicion or hestitation.

"The most satisfying consequence of the reduction ordered will be authorizations and appropriations from Congress to build ships in the categories in which we are still far behind. When Congress does its duty and lives up to the pledge of the Republican party to 'round out and maintain the Navy in all types of combatant ships to the full ratio' the Department's action will be completely justified."

"IT IS TO BE hoped that the good faith of the United States will bring as much fidelity of both a literal and figurative kind to engagements by the other powers, more than was evident after the United States scrapped new vessels in accordance with the Washington pact," says the Memphis Commercial Appeal (Democratic). "* * Regardless of what France and Italy may do, the United States, it appears, will proceed to weaken strength with a serene confidence in the promises of other contracting parties and a childlike trust in the benignity of the two powers who are outside of the agreement."

"IT IS SAID that Adm. Hughes retired two weeks ago as Chief of Naval Operations as a protest against this plan of naval reorganization which calls for a reduction of 57,000 tons more than the treaty obligations require and reduces submarine strength five years earlier than is necessary under the treaty's terms," comments the Washington Herald (Independent). "And even if tonnage must eventually be reduced, is it desirable now to cut the naval personnel? The treaty does not require that!"

"THE PUBLIC generally will welcome the announcement chiefly as a definite step toward actual reduction of armaments," states the Boston Christian Science Monitor (Non-Partisan). "The step is meager enough, but it is a step. It falls far short of disarmament, but it points in that direction. It is valuable particularly for its effect on international thought. But part of that will be lost if Adm. Pratt's view is accepted and the change is looked upon as chiefly one for improving fleet efficiency. Real reduction of naval strength means weaker, not stronger, fighting forces. And real reduction is the thing so earnestly desired by the peoples of the world."

Give Posthumous Rank

POSTHUMOUS promotion has been given to 102 officers of the Navy under the provisions of the War-time Rank Act, providing for the elevation of officers who served at a higher temporary rank during the World War and reverted to a lower rank after the war, to the highest rank held by them.

Commissions will be issued to the next of kin of the deceased officers. Such commissions will state "that in accordance with the Act of June 21, 1930, the records of the Navy Department have been amended to show that the officer was promoted as of the date of death."

The late Rear Adm. Albert W. Grant becomes a Vice Admiral under the terms of the act, and is the only of-ficer of flag rank to be so promoted. Following appears alphabetically the names of those receiving mostly.

promotion.	
Name	Rank Advanced To
R. E. Ames	Asst. Paymaster
Andrew Anderson	(Lt.) Lieutenant
C. B. Babsen	Lieutenant
W. S. Belknap	Lieutenant
A. E. Bentfeld	Lieutenant
J. M. Blankenship	Lieutenant .
Arthur Boileau	Lieutenant
Frank Bresnan	Lieutenant
W. G. Briggs	Captain
. W. Burnham	Asst. Nav. Constr.

	(Comdr.)
T. O. Covell	Asst. Nav. Constr. (Lt.)
W. J. Creelman	Lieutenant
E. J. Cutherell	Lieutenant
Gilford Darat	Lt. Comdr.
L. J. Dodd	Asst. Paymaster (Lt.)
James Dowling	Lieutenant
Henry Feehan	Lieutenant
J. F. Flynn	Asst. Paymaster (Lt., jg)
J. M. Gately	Lieutenant
Adam Gibson	Lieutenant
J. H. Gill	Asst. Nav. Constr. (Lt.)
A. W. Grant	Vice Admiral
Arik Hammar	Asst. Surgeon (Lt.)
P. J. Hanlon	Lieutenant
Herman Hanson	Lieutenant
C. J. Hanson	Lieutenant
Percy Herbert	Lieutenant
William Herzberg	Lieutenant
W. L. Hill	Lieutenant
A. A. Hooper	Lieutenant
J. St. C. Hothersall	Lieutenant
F. H. Hunt	Asst. Paymaster (Lt.)
I. N. Hurd	Asst. Surgeon (Lt.)
H. N. Huxford	Lieutenant
A. B. Irelan	Lieutenant
C. E. Jaffe	Lieutenant
William Johnson	Lieutenant
G. B. Kimberly	Asst. Paymaster (Lt.)
N. R. King	Lieutenant

Lieutenant

Lieutenant

Med. Inspector (Comdr.)

sired by the peoples
C. W. Loomis
C. B. Magruder William Manning L. L. Martin
R. K. McClanahan
E. D. McCormick J. H. McDonough A. A. McKethan John McLaughlin W. T. McNiff C. J. Miller R. N. Miller J. D. Milligan
J. W. Murray Isidor Nordstrom Carston Nygaard J. J. O'Brien W. E. O'Connell A. A. Phelps C. F. Pierce James Quill H. F. Ramsay
C. E. Richardson
H. C. Ridgely J. T. Riley M. F. Roberts
E. A. Robie J. G. Sanders H. E. Sausser
M. M. Schreiber Z. A. Sherwin B. Schumacher. H. O. Shiffert

is	Asst. Paymaster
der	Lieutenant
ning	Lieutenant
1	Asst. Nav. Constr.
nahan	P. A. Surgeon
	(Lt. Comdr.)
mick nough	Lt. Comdr. Lieutenant
han	Lt. Comdr.
ghlin	Lieutenant
f	Lieutenant
•	Lieutenant
	Lt. Comdr.
n	Asst. Surgeon
	(Lt.)
y	Lieutenant
trom	Lieutenant .
aard	Lieutenant
1	Lieutenant
nell	Lieutenant
1	Lieutenant
e	Lieutenant Lieutenant
y .	Asst. Paymaster
3	(Lt.)
dson	Asst. Nav. Constr.
y	Lt. Comdr.
	Lieutenant
8	Asst. Nav. Constr. (Lt.)
	Lieutenant
8	Lieutenant
	Asst. Surgeon (Lt.)
ber	Lieutenant
n	Lieutenant
er.	Lieutenant
rt	Med. Director (Capt.)

al thought. But part ne change is looked uction of naval stre	upon as chiefly one ngth means weaker,
reduction is the th	ing so earnestly de-
A. M. Smith	Lieutenant
W. H. Squire	Asst. Nav. Constr. (Lt.)
F. H. Stewart	Lieutenant
J. W. Stoakley	Lieutenant
J. S. Taylor	Med. Director (Capt.)
F. W. Teepe	Lieutenant
Garrett VanMater	Lieutenant
I. T. Van Patten	Asst. Paymaster (Lt.)
C. H. Venable	Lieutenant
J. J. Walsh	Lieutenant
W. H. Walsh	Lieutenant
E. R. Walter	P. A. Paymaster (Lt.)
J. R. Ward	Lieutenant .
	Lieutenant
Frank Watson G. A. White	Asst. Paymaster (Lt.)
N. L. Wilcomb	Ensign
Hilary Williams	Commander Lieutenant
F. W. Witte	Asst. Nav. Constr.
Michael Wogan	Lieutenant
Michael Wogan Charles Wouters	Lieutenant
W. J. Wren	Asst. Nav. Constr. (Lt.)
F. W. Yuraska	Lieutenant
Lawrence Zembsch	Asst. Surgeon (Lt.)
B. E. Fernald	Asst. Nav. Constr. (Lt.)
N. H. Stavey	P. A. Paymaster (Lt. Comdr.)
Robert Stewart, Jr.	Asst. Engr. (Lt.)
T. C. Wester	Lieutenant

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Did You Read

the following important service

stories last week:

Army—Commission to Study
War Policies to Start Soon; Chief Army—Commission to Study War Policies to Start Soon; Chief of Staff Commends Maj. Dennis E. Nolan; Maj. Gen. Hugh A. Drum to Inspect Cemeteries in France; Maj. Gen. Douglas MacArthur to Arrive in San Francisco Oct. 15; Brig. Gen. William H. Tschappat's Speech at Army Ordnance Association; Physical Requirements for National Guard Officers; Maj. Gen. Harry G. Bishop to Inspect College Activities; Maj. Gen Stephen O. Fuqua Inspects Infantry Post?

Navy-Marine Corps — Adm. Moffett Writes on Airships and R-101 Disaster; Three Naval ROTC Graduates Appointed to Supply Corps; USNA First Class Elects Football Men as Officers; Eight Naval Academy Graduates Commissioned in USNR Last Week; Maj. Gen. Frank Parker Praises Navy Flyers; USNA Has Largest Enrollment Since 1923?

If not, you did not read the Army and Navy Journal. You can not get this vital information from any other source.

1932 Economies Seen

(Continued from First Page)

chasers and other small craft taken from them and not being advised of the plan for utilizing the destroyers of the Training Squadron for reserve sta-tion ships, there has been little pro-test if the editorial response from a number of influential papers be ex-

number of influential papers be excepted.

In the service itself, however, there is a sad shaking of heads and serious doubts of the wisdom of the move. "Disarmament by example" is one classification applied to it. In a few instances there have been open criticisms expressed. One of the foremost naval authorities of the day characterized it as a "crime."

"Who ever heard of a nucleus of a fleet?" he asks. "How can you operate a peace time fleet and expect to have a fighting force that is adequate if war comes? What other power is going to hold the enemy during the time it takes to build ships? Why reach an international agreement and then proceed to cut the Navy immediately below the agreed strength, leaving us hopelessly inferior for the next five years even if a new building gram is started? Why strain relations with friendly powers to fix a ratio and then deliberately sacrifice it?" These are some of the questions he asks and they echo the queries of most of the naval service.

Whether members of the House and Senate, who have the responsibility of

Whether members of the House and Senate, who have the responsibility of fixing and maintaining the national defenses, will ask similar questions, is a question the service is asking.

Now the problem is the building program. Had the cut, unwarranted as they are held to be, been accompanied by an understanding or an announcement that it was merely "clearing deck" for action on new construction, many doubts would have been removed.

As matters never stead the Constitution of the construction of the construction of the construction.

tion, many doubts would have been removed.

As matters now stand the General Board, having completed a general outline of its recommendations for a building program, is working on a revised report in an effort to reconcile divergent viewpoints in the service.

With one school of thought advocating a concrete, comprehensive plan that in the next five years would bring us up to a proximate treaty strength and another arguing against wholesale building that would give us frozen tonnage, ships that a decade from now the Navy could have substituted more modern types for, a real problem is presented. Then, too, the cruisers with landing decks, questions of design, sizes and types, a hundred and one problems, complicated by the necessity at the same time of creating a naval policy for the one scrapped at London, all make the decisions soon to be reached the most momentous in the Navy's history.

Unless the treaty strength is reached by 1936, further concessions will be

Unless the treaty strength is reached by 1936, further concessions will be demanded at the next conference. On the other hand, if we build all we need, we will be in a position of having old-type ships as opposed to the more mod-ern ones other powers will be build-ing. There is a possibility that a special board will be convened to con-sider all of the technical questions in-volved and submit recommendations on which departmental heads will finally act.

Gen. Booth Selected

(Continued from First Page)

Franklin Bell, then commanding the Philippine Department, and was charged with the clearing up of titles to military reservations and with all matters relating to the instruction and matters relating to the instruction and training of troops of the mobile Army in the Philippines. After three years of service in the Philippine Islands he returned to the United States in 1914, for duty at Texas City, Tex., as aide-de-camp to Gen. Bell, who commanded the 2nd Division. In 1916 he was transferred to Douglas, Ariz., for duty with the 1st U. S. Cav., where he remained until our entrance into the World War.

From June to August 1917 having

From June to August, 1917, having reached the rank of major, he was Chief of Staff of the eastern Department at Govenor's Island, N. Y. In August he was promoted to the temporary rank of lieutenant colonel and detailed as Chief of Staff of the 11th Div. (National Army of New York City) and in the latter part of that year was sent to France as an observer of military operations on the Western front. He returned to the United States in March, 1918, and accompanied the 11th Division to France, sailing the latter part of March, 1918, and served as Chief of Staff of that Division in defensive positions on the British front and in the Baccarat sector. In July, 1918, he was appointed a

sion in defensive positions on the British front and in the Baccarat sector.

In July, 1918, he was appointed a temporary brigadier general and assigned to command the 8th Brigade of the 4th Div. (Regular Army), which he commanded in the Aisne-Marne, St. Mihiel, and Meuse-Argonne offensive, and on the march into Germany. After January, 1919, he served in Tours, France, as Assistant Chief of Staff of the Service of Supply, Chief of Staff of the Service of Supply, Chief of Staff of the American Expeditionary Forces and in Tours and in Paris as Chief of Staff of the American Expeditionary Forces and in Tours and in Paris as Chief of Staff of the American Forces in France. From January to July, 1920, he was Deputy Allied High Commissioner to Armenia. He returned to the United States in July, 1920, and, with the permanent rank of colonel in the Regular Army, was ordered to Ft. Leavenworth, Kans., where he served in turn as assistant ocmmandant, instructor and director at the General Service Schools until August, 1923, when he was ordered to Washington, D. C., as an instructor at the Army War College. D. C., as an War College. as an instructor at the Army

War College.

In April, 1924, he was ordered to Ft. McIntosh, Tex, to command the 4th U. S. Cav., on which duty he remained until July, 1924, when he was appointed a permanent brigadier general in the Regular Army. He then commanded the 1st Cav. Brig. at Ft. Clark, Texas, until 1925, when he was detailed as Commandant of the Cavalry Schol at Ft. Riley, Kans. In May, 1927, he became Assistant Chief of Staff, Supply Division, War Department General Staff, at Washington, D. C., on which duty he remains at the present time. ent time.

Gen. Booth was promoted to major general Dec. 22, 1929.

Gen. Booth has been awarded the following decorations: Officer of the Legion of Honor (French), Croix de Guerre with Palm (French), Medal of La Solidaridad (Panamanian), and the Distinguished Service Medal (United States), the citation for which reads so follows: as follows:

"He commanded, with great ability and gallantry, the 8th Infantry Brigade in the operations which forced the reluctant enemy to evacuate Bois-du-Feys, Bois-de-Malaumont, Bois-de-Peut-de-Faux, and Bois-de-Foret in Sept. and Oct., 1918. His splendid leadership was an important factor in these actions."

Oral Surgery Clinic

Oral Surgery Clinic

O'N the morning of Oct. 13, Dr. Leo Winter, widely known oral surgeon of New York City and director in that specialty at the New York University Dental College, lectured to the officers of the Dental Department, Naval Medical School, Washington, D. C., of Naval activities in the vicinity of Washington, and to a group of civilian dental specialists of the District of Columbia, on "The Field of Oral Surgery." On the afternoon of the same date Dr. Winter, in collaboration with Dr. Allen T. Neuman, Dean of the Dental College, New York University, exemplified his technique in a clinic at the Naval Dental School which involved, in a number of cases, extensive oral surgery. Dr. Winter and Dean Neuman are enrolled as dental officers in the Naval Reserve, for special service, with the rank of lieutenant commander.

Diesel Engine Tests

EXTENSIVE tests of a 50-horsepower Diesel engine in a motor launch at the Navy's Engineering Experiment Station, Annapolis, Md., have given very satisfactory results, and it is the intention of the Bureau of Engineering, Navy Department, to have this engine assigned to a ship for further test under service condi-

Efforts of the Bureau of Engineering to overcome the fire hazards associated with the storage and use of gasoline for motor boat use have been directed towards testing types of Diesel oil engines.

The 50 horsepower Diesel oil engine The 50 horsepower Diesel oil engine on which tests have been made has run under service condition at the Experiment Station for about 225 hours and started, stopped, and maneuvered about 600 times, using Navy standard Diesel oil, with practically no difficulty in operation.

in operation.

The engine, after dynanometer tests to determine certain characteristics, was installed in a 50-foot motor launch and placed in regular service at the station. During warm weather, no difficulty was experienced in starting or operating the engine. When temperatures below freezing were encountered, difficulty in starting was experienced, but this was eliminated by the installation of a more powerful starting equipment. equipment.

The hourly consumption of fuel of the Diesel engine proved to be about 40 per cent of that of the gasoline engine. Lubricating oil consumption was slightly less than that of the gasoline engine. gasoline engine.

gasoline engine.

Under summary of results of test, the Experiment Station states: "The engine operates quite satisfactorily under all conditions so far to date. It is very easy to operate and requires very little attention. It has been opthey have had little instruction. Even erated by about 12 different men, and under these conditions there have been no major repairs or adjustments required."

The engine tested is a facility of the second tested in the second tested tested in the second tested tested in the second tested teste

The engine tested is a 6-cylinder, valve-in-head, 4-cycle engine, rated at 50 brake horsepower at 850 revolutions per minute. It is a full Diesel type, using solid injection and having fuel oil, lubricating oil, and circulating pumps attached to the engine. A planetary type reverse gear forms an integral part of the engine. All castings of the engine are of cast iron or steel and no attempt has as yet been made to decrease the weight of the engine. The Engineering Experiment Station estimates that the weight of this engine could be decreased about 40 per cent by redesign and use of light alloy castings or stampings in place of the heavier ferrous ones.

The Journal Salutes

THIS week the Army and Navy

Journal Salutes:
Maj. Gen. William L. Sibert,
USA, retired, upon reaching the
age, three-score years and ten,
on Oct. 12.

Rear. Adm. Luke. McNamee.

on Oct. 12.

Rear Adm. Luke McNamee,
USN, upon his distinguished service as chairman of the Inter-Departmental Pay Promotion, which he is giving up, upon transfer to

Maj. Gen. Ewing E. Booth, GSC, upon being appointed by the President as Deputy Chief of Staff, Oct. 12.

Posthumous Award

THE Nicaraguan Medal of Merit presented by President Jose Marie Moncada has been posthumously awarded to the following named officers and men of the Marine Corps who lost their lives during the bandit operations in Nicaragua from Jan. 1927, to the present time:

Capt. Robert S. Hunter . Capt. E. D. Howard Capt. W. C. Byrd Capt. R. B. Buchanan 1st Lt. L. C. Knight 2nd Lt. G. D. Chappell 2nd Lt. Earl H. Thomas Qm. Sgt. Harold L. Lindstrom 1st Sgt. Johnny F. Hemphill Gun. Sgt. Charles Williams Sgt. James O. Young Sgt. Norman G. Freeman Sgt. Rudolph A. Frankforter Sgt. Frank H. Dowdell Sgt. Byron O. Piner Cpl. Cicero D. Austin Cpl. Otto Miller Cpl. Adalph Thilhard Cpl. George Lukshides. Pvt. 1cl. Estler Crosson Pvt. 1cl. Estler Crosson
Pvt. 1cl. Grady W. Watson
Pvt. John C. Pump
Pvt. Michael Savulich
Pvt. Arthur W. Rue
Pvt. Lenton C. Russell
Pvt. George R. Robbins
Pvt. Rastus Collins
Pvt. Bernard L. Callaway
Pvt. Moyer Storgel Pvt. Bernard L. Canaway
Pvt. Meyer Stengel
Pvt. Curtis J. Mott
Pvt. Michael A. Obeleski
Pvt. George T. Oswill
Pvt. Robert K. Moody
Pvt. Martin Jackson
Pvt. Martin Jackson Pyt. James S. Glaser
Pyt. George E. Goldsmith
Pyt. Rafael Toro
Pyt. Albert Schlauch

21 Old Bond Street LONDON—ENGLAND

Our representative, Mr. Wm. Young, is now visiting the following Seaports on the Pacific and East Coasts:

Pvt. Elmer S. Black.

NAVY OUTFITTERS

SANTA BARBARA LOS ANGELES (SAN PEDRO) SAN DIEGO PENSACOLA CHARLESTON NORFOLK WASHINGTON PHILADELPHIA BOSTON

NEWPORT

NEW YORK

Biltmore Hotel San Carlos Hotel

Mirimar Hotel

Francis Marion Hotel Monticelle Hotel Hamilton Hotel Bellevue Stratford Hotel Parker House Hotel Perry House Hotel Murray Hill Hotel

October 19th to 21st October 22nd to 29th

October 30th to November 7th November 10th to 14th November 15th to 22nd November 23rd to 25th November 26th to 27th November 28th to 29th December 1st to 4th December 5th to 8th December 9th to 13th

Mr. Young can show you comprehensive sets of all NAVAL requirements, including Men's Hosiery, Gloves, Shirtings, Ties, Boots, Cardigans and Sweaters, and London's latest designs in Fancy Suitings, Overcoatings and Dress Suitings.

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UNITED STATES THE ARMY

Adequacy of Quarters

COMPTROLLER GENERAL Mcthe Army may not, by protesting the assignment of quarters adequate for an officer with, but not accompanied by dependents, establish a right to rental allowance, as the quarters assigned were determined by competent superior authority to be adequate for his use in the circumstances."

in the circumstances."

Mr. McCarl set forth the circumstances in the following letter addressed to Maj. W. D. Dabney, FD:

"Consideration has been given to your letter of Sept. 12, 1930, forwarding for advance decision whether payment is authorized thereon, a voucher in favor of Hans Kramer, 1st Lt., CE, USA, for \$264.34 rental allowance as an officer with a dependent (wife) for the period Mar. 21, 1930 to July 1, 1930, both dates inclusive.

"It appears that Lt. Kramer reported for duty at Ft. DuPont, Del., Aug. 25, 1929; that there were no quarters available on the post at that time suitable for an officer with dependents and as he elected to maintain his family off the post and receive rental allowance,

as he elected to maintain his family off the post and receive rental allowance, he did not displace any other officer; that when it became apparent that two sets of quarters both then occupied by captains, but one to be later occupied by a chaplain, a new captain, would soon become vacant, Lt. Kramer was offered his choice of the two sets pro-vided he would move onto the post; that before his answer had been re-ceived it became necessary to assign that before his answer had been received it became necessary to assign one of the two vacant sets to another offered to Lt. Kramer but, as it was offered to Lt. Kramer but, at it was declined by him, it was assigned to another officer; that by orders of Mar. 21, 1930, copy not with the file, quarters consisting of two rooms, kitchen and bath were assigned to Lt. Kramer, as he was not accompanied by his dependents; that Lt. Kramer, pursuant to the provisions of Army Regulations 210-70, paragraph bj (2), requested the Corps Area Commander to reconsider the assignment; and that the Commanding General directed that if adequate quarters were available at Ft. Commanding General directed that it adequate quarters were available at Ft. DuPont for Lt. Kramer he be assigned such quarters and that he would then be required to reside at Ft. DuPont.

"The situation, then, exists of an officer with dependents preferring for personal reasons to maintain his dependents between the static who.

ents elsewhere than at his station who protests the assignment of married quarters because one room less than might have been assigned for the sole purpose of establishing a right to rental allowance. Adequate quarters were assigned to him as an officer not accompanied by dependents, and had he been accompanied by dependents quarters. accompanied by dependents quarters adequate for himself and dependents would have been assigned. Obviously, an officer may not establish a right to rental allowance by such procedure. rental allowance by such procedure. You are not authorized to pay the voucher, which is retained in this of-

New Cable To Cavite

IMPROVED communication between the Naval Station at Cavite and Manila is brought about by the laying of the new cable across Manila Bay

which has just been completed.

The new telephone and telegraph cable is a replacement of an old six-line submarine cable across Manila Bay, which failed several years ago. Since the failure of the old cable, official and private calls have been carried

by a round about land line.

1st Lt. Samuel Rubin, CAC, commanding officer of the Army mine planter Harrison was in charge of the laying of the cable and was assis by Lt. H. P. Needham, CEC, USN.

MILITARY GOODS CATALOG. 380 pages, illus trated, 1929 issue, mailed for 50 cents. Sh antique and modern firearms, swords, med etc. Established 1865. Francis Banners Bons. 501 Broadway, New York City.

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State Taxes Army Officer

DECISION of the Supreme Court of the United States has been asked of the question of whether a State may tax an automobile of an Army officer who resides upon an Army reservation within the State.

Capt. Gynther Storaasli, USA, stationed at Ft. Snelling, Minn., has appealed a decision of the State of Minnesota Supreme Court, holding that he, though residing upon and keeping his automobile upon a military reservation, must pay the State motor vehicle registration tax.

The laws of Minnesota provide for The laws of Minnesota provide for the imposition of the tax upon all motor vehicles using the highways of the State, except those of non-residents of the State temporarily using the roads. Capt. Storaasli contends that as a resident of the Ft. Snelling Military Reservation he is a non-resident of the State, and that he only uses the roads and highways of the State as a visitor for brief periods. State as a visitor for brief periods.

In ruling against the appellant, the Minnesota court viewed the license tax as both a property tax and a tax levied for the privilege of using the highways, and it is on the latter principle that they hold that an automobile owned by an Army officer upon a military reservation must pay the tax.

It is this statement which is pointed to by the appellant in his assignment of error to the U. S. Supreme Court.

As to him the whole tax is for the privilege of using the roads, Capt. Storaasli states through his lawyers, but as to residents of Minnesota owning cars within the State and are subject to general property tayation this ing cars within the State and are subject to general property taxation, this same payment pays a tax upon the cars as property, as well as for the privilege of using the roads.

"By the enforcement of this tax to "By the enforcement of this tax to the full extent as against the resident of the military reservation, wholly as a privilege tax, the State of Minnesota singles out such residents and taxes them at a higher rate for the privilege of using the roads than it does its own residents," the petition contends.

Residents of neighboring States liv-ing near the boundary line may drive their cars in Minnesota every day without paying the tax, it is pointed out, as long as their cars are not within as long as their cars are not within the State for any continuous period of 90 days, whereas a resident of Ft. Snelling reservation who drives his car in the State at all must pay the total

Army Transport Sailings

ST. MIHIEL scheduled to leave New York Oct. 28, arrive Panama Nov. 3; leave Nov. 4, arrive Corinto Nov. 6; leave Nov. 6, arrive San Francisco Nov. 14; leave Nov. 20, arrive Honolulu Nov. 26; leave Dec. 2, arrive San Francisco

Cambrai scheduled to leave San Francisco Oct. 18, arrive Honolulu Oct. 24; leave Oct. 28, arrive San Francisco Nov. 3; leave Nov. 8, arrive Corinto Nov. 16; leave Nov. 16, arrive Panama Nov. 18; leave Nov. 19, arrive New York Nov. 25.

Somme scheduled to arrive Corinto Oct. 19; leave Oct. 19, arrive San Francisco Oct. 27; leave Nov. 4, arrive Honolulu Nov. 10; leave Nov. 15, arrive San Francisco Nov. 21; leave Nov. 25, arrive Corinto Dec. 3; leave Dec. 3, arrive Panama Dec. 5.

Chateau Thierry scheduled to leave New York Oct. 23, arrive San Juan Oct. 27; leave Oct. 28, arrive Cristobal Oct. 31; leave Nov. 5, arrive San Juan leave Nov. 8, arrive New York

Grant scheduled to arrive Honolulu Oct. 28; leave Oct. 29, arrive San Francisco Nov. 4; leave Nov. 19, arrive Honolulu Nov. 25; leave Nov. 26, arrive Guam Dec. 6.

Retired Officers Meet

(Continued from First Page)

stinted words a new pay schedule for the United Services—commissioned, enlisted and retired.

Brig. Gen. Allaire and Col. Straub, senior members of the Advisory Board of the Association, spoke on its ac-tivities since its inception.

By a unanimous vote the active head of the association, Col. A. T. Marix, USMC, was continued in the office of president of the Association. Unit Gas Officers' Course

Edgewood Arsenal, Md.—The following officers have reported for the Unit Gas Officers' Course at the Chemical Warfare School, Oct. 12 to Nov. 21:

Captain

Edward H. Lenheim, Cav., Kans. NG.

First Lieutenants

First Lieutenants
George B. Barth, FA.
Herbert E. Willis, Inf.
William J. Crowe, Ord. Dept. (Cav.)
Leslie B. Downing, FA.
Donald C. Tredennick, CAC.
Clarence W. Bennett, Cav.
George A. Tucker, CAC.
Francis J. Grayling, Inf.
Glenn Newman, CAC.
Norman B. Simmonds, CAC.
Harold W. Uhrbrock, Inf.
James P. Peterson, Inf., Ore. NG.
Roy F. Nelson, Engr., Tex. NG.
Second Lieutenants

Second Lieutenants

Edward C. Mack, Inf. Lewis S. Griffing, FA.
Robert G. Lowe, Cav.
Francis S. Gardner, Cav.
Richard Wetherill, Jr., Inf.
Harold F. Moran, Inf. Harold F. Moran, Inf.
Frank L. Blue, Jr., C. of E.
Richard D. Wentworth, FA.
Eric H. F. Svensson, Cav.
Carl B. Herndon, Inf.
John F. R. Seitz, Inf.
Lorry N. Tindal, AC.
John H. Ives, AC.
Andrew M. Wright, Jr., SC
Doy H. Carr, FA, Mo. NG.

1st Cav. Div. Horse Show

WITH two generals as hosts and a distinguished guest list, both military and civilian that reads like a "Who's Who," of the Southwest, the annual 1st Cavalry Division Horse Show and Polo Tournament got away to a successful start at Ft. Bliss, Tex., Sept. 28 to Oct. 19.

The Division Horse Show and Polo Tournament is to the Southwest what the National Horse Show and Long Island Polo is to the Northeast.

Both Brig. Gen. Chas. J. Symmonds, retiring division commander, and Brig. Gen. Geo. J. Barnhardt, who will relieve Gen. Symmonds, have issued statements voicing their appreciation for the cooperation of El Paso horse lovers in horse show affairs.

Among the military leaders who will attend the exhibition are Maj. Gen. Edwin B. Winans, commanding general of the 8th Corps Area; Maj. Gen. Guy V. Henry, Chief of Cavalry, and Maj. Gen. Pope Hennessey, British Military Attache, at Washington.

Most spectacular of the events are the gruelling three-day Olympic equestrian championship cup event in which there is an 18-mile cross-country endurance and steeplechasing phase and the breath-taking open jumping. The open jumping course includes the hazardous slanting bank, triple bars, "in-and-out" and water

The generosity of friends has provided the 1st Cavalry Division Horse Show and Polo Tournament with a gradually growing collection of permanent trophies which each year makes more valuable. The permanent trophies are awarded in the major events to winning teams or individuals for the period between shows and bear for the period between shows and bear the names of the winners.

Gen. Gibbs To Copenhagen

MAJ. GEN. GEORGE S. GIBBS, Chief Signal Officer, has been nam-ed a delegate to the second meeting of the International Technical Consulting Committee on Radio Communications at Copenhagen, Denmark, in 1931, with 1st Lt. Wesley T. Guest, SC, and 1st Lt. Thomas H. Maddocks, SC, designated as Technical Advisors.

Gen. Gibbs is the radio expert of the United States Army and was a delegate at the first meeting of this committee in 1929. He is a native of Harlan, Iowa.

Lt. Guest is a radio engineer, now on duty in the Office of the Chief Sig-nal Officer. He is a native of New York.

Lt. Maddocks is also a radio engineer, at present a student at the Ecole Su-perieure d'Electricite in Paris, France. He is a native of Detroit, Mich. Gen. Sibert Has Birthday

MAJ. GEN. WILLIAM L. SIBERT. retired, sole surviving member of the original Isthmian Canal Commis-

the original Isthmian Canal Commission, attained his 70th birthday last Sunday, Oct. 12.

Gen. Sibert was in charge of the Atlantic side of the Panama Canal, including the Gatum Locks and Dam. For his services in Panama he was promoted to brigadier general and given the thanks of Congress.

promoted to brigadier general and given the thanks of Congress.

During the World War he organized and was Chief of the Chemical Warfare Service for which he received the Distinguished Service Medal.

Retiring from the Army shortly after the World War, Gen. Sibert has been actively engaged in engineering. His principal work being the construction of the State Docks at Mobile, Ala.

At present he is chairman of the Alabama State Docks Commission; chairman of the Boulder Dam Commission, and president of the Association

sion, and president of the Association of Port Authorities.

AC Photographs Roads

Upon the request of the Costa Rican Government, the Army Air Corps has just completed the photographing of the proposed Pan-American high-way route and the routes of two other

proposed highways in that country.
Two Army airplanes from France
Field, Panama Canal Zone, based on San Jose, Costa Rica, occupied a week in making photographic flights over the proposed highways. Upon their return to Panama the collection of photographs covering the areas was developed and furnished the President of Costa Rica who expressed his gratification for the excellent work of the Army airmen. The aviators who accomplished this survey are: 1st Lt. John G. Moore, AC; 1st Lt. Archibald Y. Smith, AC; Tech. Sgt. Walter G. Ashby, AC; Staff Sgt. Charles D. Graw, AC.

Army Horse Show Team

THE United States Army Horse Show Team will participate in a series of

Team will participate in a series of international events on the current Fall horse show circuit, Maj. Gen. Guy V. Henry, Chief of Cavalry, announced recently.

In this connection, it is interesting to note that in 1911 Gen. Henry was a member of the first team of American officers to participate in international riding competition, exhibiting at the Olympia, London.

riding competition, exhibiting at the Olympia, London.

The first of the season's international shows is the Boston Horse Show to be held at the Boston Garden, Boston, Mass., Oct. 28, 29, 30, 31, Nov. 1, followed by the National Horse Show to be held at Madison Square Garden, New York City, Nov. 6, 7, 8, 9, 10, 11 New York City, Nov. 6, 7, 8, 9, 10, 11,

An agreement has been entered into between the two associations whereby there will be close cooperation and arrangements as to necessary expenses which may be involved.

Teams of Army officers representing the following European nations: Canada, Germany, Hungary, Irish Free State, Sweden, will compete against a team of American Army officers.

The following officers compose the United States Away Horse Show Team:

United States Army Horse Show Team: Maj. H. D. Chamberlin, Cav. (Team Captain); Capt. W. B. Bradford, Cav.; Capt. J. T. Cole, Cav.; 1st Lt. J. W. Wofford, Cav.; 1st Lt. G. B. Rogers, Cav.; 1st Lt. E. F. Thomson, Cav.

War Dept. In World's Fair

THE War Department has started preparation of a plan for partici-pation in the World's Fair to be held in Chicago in 1933.

The plan contemplates certain troop participation and a series of exhibits which will cover the last 100 years in the Army, and demonstrates its military and civilian activities during that

The details of these will be worked each Chief of Arm and Service has been called upon to submit, at the earliest practicable date, complete data for the exihibts which should be included to cover the activities of his Arm or Service. These data will consist of a list of items for exhibition, required floor, wall and ceiling space, the cost of the assembly of the proposed exhibits and an estimate of the required civilian and military personnel for installation, care and maintenance of the

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or mili retired and Na U. S. M. C.-N. G. Army and Navy

SERVICE NEWS AND GOSSIP

Coast Guard Reserve Forces

FLYING PAY CLARIFIED BY COMPTROLLER GENERAL

CLARIFICATION of one phase of the right to flying pay was made this week by the Comptroller General. The case was that of Aviation Machinist Mate (1c) Fred G. Wohluter, USN, who, during the month of August, 1930, was given flight orders for the first half of the month during which he was unable to fly, the ship being at sea. The second half of the month he was again given flight orders and actually made flights totaling four hours and five minutes. The question was whether or not he was entitled to flight pay for the first half of the month during which he made no flights. The Comptroller General ruled that he is entitled to aviation pay.

"Where an enlisted man is continuously detailed to flying duty," the ruling said, "but by reason of transfer from one command to another it has been necessary, because of the limited duration of his detail while with the command of the officer who detailed him, to issue a second order of detail during any month, his right to flying pay is for determination by the number of flights made during the entire month, 3 Comp. Gen. 384; 7 id. 28, and if otherwise qualifying he will be entitled to flying pay for the entire period under such detail by both orders.

"The rule is otherwise where a man is detailed during a limited period to flying duty for a single specific object and by reason of weather or other conditions it is not possible to make any or sufficient flights to complete the project and his detail for a further period is made necessary to accomplish the purpose. In such case the first detail having expired without the performance of flights entitling to pay, no right arises to flying pay under such detail by reason of flights under the second detail, A-13594, April 6, 1926, case of Staff Sgt. John Dozier, 56 MS. Comp. Gen. 215."

TALKING PICTURES TO BE INSTALLED ON ARMY TRANSPORTS INSTALLATION of sound equipment for moving pictures on Army transports has been authorized by the Acting Secretary of War, Col. Frederick H.

The expense involved will be borne by post exchanges which will be operated on the transports in lieu of the present commissaries, it was stated.

The Army transports affected are the Grant, Somme and Cambrai, operating from San Francisco and New York, Hawaii and the Philippines, and the Chateau Thierry and St. Mihiel, operating from New York to Porto Rico and Panama

NEW DIRIGIBLE TO FLY ADMIRAL'S FLAG

AN INTERESTING touch to the model of the Navy's new giant airship now on exhibition at the Navy Department that has escaped general notice is the detail of the two flags she flies. In addition to the Navy flag, a tiny two-starred rear admiral's flag flutters bravely.

One comment, aviator-made, of course, was that it should be a vice admiral's flag to be an accurate replica of the big ship when she takes the air.

DISARMAMENT DELEGATES AND ADVISERS NAMED

HUGH S. GIBSON, Ambassador to Belgium, and Hugh R. Wilson, Minister to Switzerland, have been named delegates to the session of the Preparatory Disarmament Commission of the League of Nations to convene at Geneva Nov. 3. The military and naval advisers are:

From the War Department—Lt. Col. George V. Strong.

From the Navy Department—Capt. William W. Smyth and Comdr. Thomas

The technical assistants include:
From the War Department—Maj. Robert Le G. Walsh, assistant military attache at Paris.

From the Navy Department—Lt. Comdr. George D. Murray, assistant naval attache at London.

The commission hopes to draft a treaty for general disarmament, to be com-pleted by a general armament conference to be called in the future by the League

GEN. BISHOP INSPECTS ROTC UNITS

MAJ. GEN. HARRY G. BISHOP, Chief of Field Artillery, left Washington Oct. 15 on an inspection trip of Reserve Officers' Training Corps units which will include the units of Princeton, Yale, and Harvard Universities.

will include the units of Princeton, Yale, and Harvard Universities.

In view of the fact that the Reserve Officers' Training Corps units are by far the most important source of obtaining new blood for the Field Artillery branch of the Officers' Reserve Corps, Gen. Bishop, since his appointment as Chief of Field Artillery, has made a special effort to visit all educational institutions which have Field Artillery units. He is thus able to get first-hand information of the many various problems which exist at the different institutions.

Inspections have been already made of the units of Leland Stanford University, Alabama Polytechnic Institute, University of Oklahoma, Agricultural and Mechanical College of Texas and the Virginia Military Institute, which he inspected in company with the superintendent of that institution, Maj. Gen. John A. Lejeune, who recently retired as Commandant of the U. S. Marine Corps.

The total enrollment in the 20 Field Artillery units for the school year

The total enrollment in the 20 Field Artillery units for the school year 1930-1931 is estimated as approximately 15,000. Of this number 2,200 are taking the advanced course, upon successful completion of which they are tendered commissions as second lieutenants of Field Artillery, Officers' Reserve Corps.

NAVAL AIR PERSONNEL TO BE INCREASED

WITH THE NAVY as a whole suffering its heavy loss in enlisted personnel due to the reduction in ships in commission, the aircraft forces attached to naval aviation will be increased by 560 enlisted men as soon as practical.

Most of them will be assigned to the Naval Air Stations at San Diego and at Hampton Roads. This is in line with recommendations made last May by a Fleet Board headed by Rear Adm. John Halligan. The Board found that in order to accomplish a thorough overhaul of the planes attached to the fleet more personnel was needed at the stations.

The additional shop equipment has been provided by the Bureau of Aero-

CONSTITUTION MAY GO TO CHICAGO EXPOSITION

POSSIBILITY of sending the old Constitution up state through the Great Lakes to Chicago for the 1933 World Exposition is being investigated by the Navy Department. A depth of 14 feet is shown by preliminary survey in certain portions of the channel and the Constitution rebuilt will draw a minimum of 20 feet. The use of pontoons is under consideration.

VETERANS' BUREAU LIMITS MEANING OF TERM "VETERAN" IN ACT ALTHOUGH by act of Congress, July 3, 1930, the term "veteran" as used in the World War Veterans' Act in providing for hospitalization of ex-service men, was "deemed to include those persons retired or otherwise not hishonorably separated from the active list of the Army and Navy," this is interpreted very different to the control of the Army and Navy," this is interpreted very different to the Army and Navy," this is interpreted very different to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and Navy," the second to the Army and Navy, " the second to the Army and

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DETAILS OF NAVY REORGANIZATION BEING PLANNED
VIRTUAL reorganization of the entire naval forces, following the reduction of
personnel and cut in ships announced last week, is being worked out by the
Navy Department. Under plans practically completed and awaiting official approval, the entire set-up will be changed so far as designation of the various
units and the names of higher commands are concerned.

While the U. S. Fleet will be continued, the Battle Fleet, Scouting Fleet and
other units will be classified under new names.

Numerous suggestions have been considered, some of them adopted, tentatively, and others abandoned. What effect the reorganization will have on the
number of admirals and vice admirals is unknown, but the probabilities are that
at least the same number will be needed in the new arrangement with the possibility of another vice admiralcy.

at least the same number will be needed in the new arrangement with the possibility of another vice admiralcy.

Among the rejected proposals was a return to the Pacific and Atlantic Forces, the same objections being raised that led to the abandonment years ago of the Atlantic and Pacific Fleets. From the standpoint of international politics this classification raises complications.

One designation, and it appears to be the most likely, from a speculative standpoint, is that of Force One, Force Two, etc. Thus, the Battle Fleet would become Force One, under command of an admiral; the Asiatic Fleet, Force Two, under an admiral; the Scouting Fleet in the Atlantic, Force Three, under a vice admiral.

Obviously whatever changes are officially adopted, several months will be required to change the code books, signal numbers, etc., before the new organization goes into effect.

UNITS MUST "STAY HOME" NINE MONTHS EACH YEAR

UNITS MUST "STAY HOME" NINE MONTHS EACH YEAR

MAJ. GEN. C. H. BRIDGES, The Adjutant General, has notified the Army that organizations must not be away from their home stations for more than three months each year and that this period must include both the training of civilian components and the organization's field training.

'It has been noted," the letter reads, "that, due to the Summer training camp duties and field training, some organizations of the Regular Army are absent annually from their home stations for five and, in some cases, six months. In this connection attention is invited to paragraph 2 a, War. Department Training Directive 1930-31, under the provisions of which the time allotted exclusively for the training of civilian components should be limited to two months.

"It is the desire of the War Department that the time organizations of the Regular. Army are required to be absent annually from their permanent stations, be limited to three months. This period should include both the time necessary for training civilian components and for the organization's own field training."

OLYMPIC EQUESTRIAN TRAINING PLANS MODIFIED

THE RULING made by the Comptroller General that War Department funds could not be expended for the travel of personnel and transportation of horses in connection with the training for the Olympic games has necessitated some changes in the original plans for the training program.

Due to the restrictions the sending of riders and horses to Ft. Riley, Kans., has been abandoned for the current year. However, the proposed tests and competitions will be held during the early Spring of 1931 at the various posts for the purpose of selecting outstanding riders and horse prospects, that in all probability will be assembled at Ft. Riley later in 1931. In the meantime, preliminary training will continue "being made as diversified as local conditions permit."



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THE U. S. NAVY

THE U. S. MARINE CORPS

Named Chief Of Staff

ORDERS have been issued to Rear Adm. Wat T. Cluverius, USN, com-manding Battleship Division Two, Scouting Fleet, assigning him to duty as Chief of Staff, Commander-in-Chief, United States Fleet, on the flagship USS Texas. He will report for his new duties on Nov. 3.

Rear Adm. Cluverius was born in New Orleans, La., Dec. 25, 1874, and was appointed to the Naval Academy in 1892. He was a naval cadet on the USS Maine when that ship was sunk in Havana Harbor, February 15, 1898. He was awarded the Distinguished forwise Model for his envisee Model for his convices whether the statement of the control of the statement of the stat Service Medal for his services during the World War as Commanding Officer of the USS Shawmut, engaged in lay-ing mines in the North Sea.

Adm. Cluverius was commander of midshipmen at the Naval Academy from 1919 to 1921, and attended the Naval War College, 1921-1922. He commanded the USS Seattle in 1923 and then was ordered to duty in the Office of Naval Operations where he remained until 1926 when he was given command of the battleship USS West Virginia. In 1926 he was appointed Command of the batteship USS west Virginia. In 1926 he was appointed Commandant, Navy Yard, Norfolk, Va. He assumed his duties as commander of Battleship Division Two, Scouting Fleet, June 3, 1930, and was in com-mand of the Midshipmen's Practice Squadgon during the Summer cruise Squadron during the Summer cruise.

Louisville Built Under Cost

CONSTRUCTION of the USS Louis-CONSTRUCTION of the USS Louis-ville at the Bremerton Navy Yard will be effected at some \$2,500,000 be-low the cost of other light cruisers that were built by private contractors, according to figures compiled by the Bremerton Daily News Searchlight. The Bremerton Yard submitted a bid of \$8,600,000 for the vessel, some \$2,-500,000 below the statutory limit of the cost and \$2,000,000 less than bids submitted by private contractors for

the cost and \$2,000,000 less than bids submitted by private contractors for sister vessels, it is stated.

It is now estimated on actual costs to date that the Louisville will be completed for about \$8,000,000, thus saving about \$600,000 in the Yard's estimate, and \$2,500,000 as compared with the cost at private shipbuilding concerns the figures announce. cerns, the figures announce.
It is of further interest to note that

the Louisville was built in a drydock, and the only launching required was to flood the dock.

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The new fleet operating plan announced by the Navy Department Oct. 8 places all submarine divisions and tenders, exclusive of those operating in Asiatic waters, under the Command-Control Force, Rear Adm. T. C. Hart,

Submarine Plans

Reassignment of submarines, which will be completed in January, results in the following organization for the Submarine Divisions, Control Force: Bushnell (submarine tender) flag-

Holland (tender Division 20) at San

Diego. Ortolan (tender) (rescue vessel) at

San Diego.

Seagull (tender) at Pearl Harbor. Widgeon (rescue vessel) at Pearl Harbor

Chewink (rescue vessel) at Coco

Falcon (rescue vessel) at New Lon-

Mallard (rescue vessel) at Coco Solo. Division 3 (at Colo Solo): S-10, 11, 12, 13, 48. Division 4 (at Pearl Harbor): S-1,

18, 19, 20, 21, 22, 23. Division 9 (at New London): R-2, 3,

16, 17. Division 19 (at Pearl Harbor): S-42,

3, 44, 45, 46, 47. Division 20 (at San Diego) V-1, 2,

3, 4, 5, 6.

A brief summary of the readjustment of submarines shows the withdrawal of 25 submarines from the

fleet:
(1) Stations 19 S-boats at Pearl
Harbor in place of 20 R-boats.
(2) Stations 9 S-boats at Coco Solo
in place of 11 S-boats.
(3) 6 V-boats at San Diego in place
of the 6 V-boats and 12 S-boats heretofore stationed there.

tofore stationed there.

(4) Stations 9 R-boats at New London in place of the 9 O-boats and 10 S-boats heretofore stationed there.
(5) Does not change the status of the 12 S-boats stationed with the Asiatic Fleet.

The present flagship of the Commander Control Force, the USS Camden, will be placed out of commission at Philadelphia after she has accompany to the commission of the commander commission of the Commander Commission of the Commander Comma at Philadelphia after she has accompanied the divisions being shifted to Pearl Harbor and those returning from Pearl Harbor to the United States. The submarine tender Bushnell, heretofore assigned to the submarine divisions operating along the Atlantic Coast, will become flagship of the Commander Control Force. Unlike the Camden, which has based at New London, the Bushnell will be free to visit the stations at which the various submarine divisions are based. marine divisions are based.

The status of submarine tender Hol-

land is changed from flagship of the Submarine Divisions, Battle Fleet, to tender of Submarine Division 30 (Vboats), basing at San Diego. gonne, heretofore acting as submarine tender for the V-boats, is assigned un-der the new plan as flagship of the Commander Fleet Base Force, reliev-ing the Procyon, which goes out of commission.

An analysis of the United States' An analysis of the United States' submarine tonnage in and out of commission shows that the submarines in commission as a result of the new plan number 55 with a total tonnage of 51,050 standard treaty tons, and those that are now out of commission or will be placed out of commission by the new plan number 51 with a total tonnage of 24,690 standard treaty tons.

new plan number 51 with a total ton-nage of 24,690 standard treaty tons. Of the ships to be out of commis-sion under the new plan, the Navy De-partment intends to keep 16 in such state of preservation that they may be recommissioned. These 16 include 5 S-boats which originally were scheduled for scrapping. These 16 submarines, for scrapping. These 16 submarines, totalling 9,780 standard treaty tons, become over-age by London Treaty provisions in 1932 and 1933.

The other 35 to be out of commission include 9 O-boats that go out under the new plan, to be scrapped, and the following submarines already out of commission and on the Navy De-partment's disposal program: 8 H-boats, 8 K-boats, 4 L-boats, 3 N-boats, and 3 S-boats.

The 25 submarines to be decommissioned under the new operating plan will join the "back channel fleet" at the Nevy Yard, Philadelphia.

Destroyers Reorganized

ORDERS for reorganization of the Destroyer Squadrons of the Battle Fleet and the Scouting Fleet in accordance with the new Fleet operating plan announced Oct. 8, have been issued by the Navy Department.

A temporary reorganization will be put into effect immediately which will reduce the number of destroyers in a division from 6 to 4, provide new plane guard destroyers for the aircraft carriers Saratoga, Lexington and Langley, and group the 8 destroyers to be attached to the newly-formed Training Squadron at Hampton Roads, Va.

The permanent reorganization of the Destroyer Squadrons will take place as soon as practicable after the com-mencement of Fleet concentration in Panama waters, scheduled from Feb. 12, to Mar. 24, 1931. At that time the shift of 2 destroyers now serving in the Scouting Fleet to the Battle Fleet, and of 9 destroyers now with the Battle Fleet to the Scouting Fleet, will be carried out.

Meanwhile, 14 of the 16 destroyers which are scheduled to be decommissioned will proceed not later than Nov. 15 to the "back channel" at the Navy Yard, Philadelphia. These are the Hatfield, Brooks, Kane, Humphreys, McFarland, James K. Paulding, Overton, Sturtayant, King, Sands, Reureys, McFarland, James K. Paulding, Overton, Sturtevant, King, Sands, Reuben James, Bainbridge, Goff, and Lawrence. These ships will be placed in such a state of preservation that they may be recommissioned. The remaining two of the 16 destroyers to be decommissioned at Philadelphia are the Abel P. Unghur, now training reveal. Abel P. Upshur, now training naval reservists at Washington, D. C., and the Fox, now training reservists from the 3rd Naval District, with headquarters at New York.

The 8 destroyers to be attached to

the Training Squadron, Scouting Fleet, will assemble at Hampton Roads, Va., the first part of Dec., following arrival of the 5 destroyers from the West Coast that will form a part of the training unit.

The permanent organization of the Destroyer Squadrons, Battle Fleet and Scouting Fleet, and the destroyers of the Training Squadron will be as fol-

BATTLE FLEET

Destroyer Squadrons Omaha (light cruiser) flagship. Omaha (light cruiser) flagship.
Altair and Melville (tenders).
Rigel (tender with destroyers out of commission at San Diego, and Receiving Ship, San Diego).

Squadron Six
Decatur (destroyer) squadron leader.
Division 15, Zane, Wasmuth, Trever,

erry. Division 37, Chandler, Southard,

Division 45, Hulbert, Noa, Wm. B.
Preston, Preble.
Division 46, (plane guards for Saratoga and Lexington), Broome, Alden,
Sicard, Pruitt.

Sicard, Pruitt.

Squadron Ten

Litchfield (destroyer) squadron leader.

Division 10, Buchanan, Aaron Ward,

Hale, Crowninshield.

Division 11, Dorsey, Lea, Elliott,

Roper. Division 12, Rathburne, Talbot, Wa-

ters, Dent.
SCOUTING FLEET
Destroyer Squadrons
Concord (light cruiser) flagship. Manley (destroyer) experimental

Manie y (description)
ship.
Dobbin and Whitney (tenders).
Squadron Seven
Dallas (destroyer) squadron leader.
Division 22, Breckenridge, Barney,
Blakeley, Biddle; Jacob Jones (Plane
guard for Langley).
Division 23, DuPont, Bernadou, Ellis,
Color J. Fred Talbott (Plane guard

Cole; J. Fred Talbott (Plane guard for Langley). Division 33, Tarbell, Yarnall, Upshur,

Squadron Fourteen Hopkins (destroyer) squadron leader. Division 14, Tattnall, Badger, Twiggs, Babbitt.

Division 40, Gilmer, Childs, William-Barry. hivision 42, Dickerson, Leary, Division

Schenck, Herbert. Squadron Sixteen (Training Squadron)
Division 47, Fairfax, Taylor, Claxton,

Hamilton.
Division 48, Wickes, Philip, Evans, Tillman. The permanent organization, to be placed in effect in Panama will place 30 destroyers in the Battle Fleet in-

Delay Plane Tests on Sub

TESTS into the feasibility of equipping submarines with small scout-ing planes will not be begun for some time, it was learned this week, due to the pinch of funds brought about by the economy program.

Though the setting of a definite date for these tests has been put off, con-struction of an experimental seaplane to be used in this connection is con-tinuing as ordered. The submarine for use in the experiments has not yet been chosen and as some amount of reconstruction work is necessary to build in a special tank for storing the plane, the experiments will be delayed for some time. They will ultimately be conducted, however, it is made plain.

Delivery of the experimental plane, designated XSL-1, is scheduled for De-cember. It will have folding wings and is of compact design.

Use of planes upon submarines will greatly increase the offensive strength of the under-sea craft, it is believed, especially when along the coast-line, if the tests prove the project feasible. One great drawback to the effectiveness of using planes in this manner is that a seaplane can only return to the submarine in sheltered waters or upon exceptionally calm days. exceptionally calm days.

Navy Awards Contracts

THE Bureau of Yards and Docks, Navy Department, has recently awarded contracts totalling \$233,515 for the construction of the following

Improvement of Brass Foundry at the Navy Yard, Washington, D. C., awarded to Mechanical Engineering and Construction Corporation, Washington, D. C., for \$34,975.

Improvements at the Naval Radio Compass Station, Point Reyes, Calif., awarded to Joe Piasocki, San Francis-co, Calif., for \$1,018.

Roofs of buildings, at the Naval Ammunition Depot, Puget Sound, Wash, awarded to Lofthus Lumber Yard, Bremerton, Wash, for \$2,646.

Reconstruction of Pier No. 2 at the Navy Yard, Philadelphia, awarded to Triest and Earle, Inc., Philadelphia, Pa., for \$194,876.

Cruisers To Yorktown

AT THE request of the Daughters of A the American Revolution, the Navy Department has ordered the light cruisers Pensacola and Chester to be pres-ent at Yorktown, Va., during the an-nual exercises which will be held Oct. 20 in commemoration of the surrender of the British forces under Lord Cornwallis, 1781.

Navy Transport Sailings

Chaumont—Leave San Diego Oct 18, arrive Corinto Oct. 25; leave Oct. 25, arrive Canal Zone Oct. 27; leave Oct. 29, arrive Port au Prince Nov. 1; leave Nov. 2, arrive Hampton Roads Nov. 6.

Henderson—Arrive Guam Oct. 22; leave Oct. 23, arrive Manila Oct. 29; leave Dec. 2, arrive Guam Dec. 8; leave Dec. 8, arrive Honolulu Dec. 19; leave Dec. 20, arrive San Francisco Dec. 28.

Kittery-Leave Guantanamo Oct. 18, Nov. 5, arrive Guantanamo Oct. 10, arrive Hampton Roads Oct. 23; leave Nov. 5, arrive Guantanamo Nov. 10; leave Nov. 11, arrive Port au Prince Nov. 12; leave Nov. 13.

stead of the 42 heretofore stationed there. In the Scouting Fleet, there will be 29 destroyers with full com-plement and 8 in the Training Squad-ron with reduced complements in place

of the 39 heretofore operating along the Atlantic seaboard.

The new Fleet operating plan an-nounced the decommissioning for dis-posal of the two light minelayers at tached to the Asiatic Fleet. With the withdrawal of these two light minelayers and the 16 destroyers from the Scouting Fleet, the destroyer and light minelayer force in commission will number 81 ships with a total of 93,426 standard treaty tons.

The destroyers and light minelayers going out of commission under the new plan total 18,870 tons, which will be additional to those already decommis-sioned at Philadelphia, San Diego and Mare Island. On the Navy Department's disposal list for those destroyers decommissioned there are 4 light minelayers of 6,162 tons, and 33 destroyers of 37,983 tons.

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Ordnance Developments

(Following is the continuation of Brig. Gen. William H. Tschappat's paper, "The Status of Army Ordnance Developments," which was presented at the annual meeting of the Army Ordnance Association, and publication of which was begun in last week's issue of the Army and Navy Journal.)

Division Howitzer

The United States has never been equipped with a modern division howitzer. The 155 mm. howitzer was used for this purpose during the World War. Its mobility, however, is too slow to permit its efficient employment with the division under conditions of mobile

The 105 mm. nowitzer M2 and the Carriage MI have been standardized. This weapon fires a 33-lb. shell a maximum range of about 22,000 yards. The imum range of about 12,000 yards. The carriage permits of 65 degrees elevation and 45 degrees traverse; and the total weight is approximately 3745 pounds in firing position or 545 pounds heavier than the new 75 mm. gun. It is of the split trail type. As in the division gun materiel, it has been decided that this split trail carriage is a more suitable type. Ten howitzers with their carriages are nearing completion for issue to the Field Artillery. It is felt that the 105 mm. howitzer as a companion piece to the 75 mm.

as a companion piece to the 75 mm.
gun in the division is a most valuable
weapon and capable of possibilities
which only extensive use by the service can develop.

can develop.

New studies indicate that it may be possible to substitute a gun-howitzer, caliber 90 or 95 mm. for the 75 mm. gun and the 105 mm. howitzer with suitable ammunition for all problems assigned to these two calibers. Our next year's development will demonstrate whether this idea can be made practicable. practicable.

Ammunition Vehicles

The Department is engaged at the present time in the design of a number of different types of ammunition-carrying vehicles. The transport of ammunition for light field artillery presents a very difficult problem. For the weapons which have been manufactured and delivered to the service for test, ammunition vehicles of confor test, ammunition vehicles of con-ventional designs have been constructed. It is with the purpose of develop-ment of the best in such auxiliary

ed. It is with the purpose of development of the best in such auxiliary vehicles that the above-mentioned project is being undertaken.

To accomplish the mission of a corps gun, the 4.7 inch gun materiel, Model 1921, was designed and built. The gun fires a projectile weighing 50 pounds a maximum range of 20,000 yards. The carriage permits a maximum elevation of 45 degrees and a total traverse of 60 degrees, and is of the split trail type. The total weight of the unit in traveling position with limber is approximately 12,000 pounds. This weapon has been built by the Ordnance Department and tested by the Field Artillery with generally satisfactory results. It is expected that a few modifications will be incorporated in this unit, after which it will again be subjected to service test; but at present all work on it is suspended. all work on it is suspended.

The Corps Howitzer, as the 155 mm.

The Corps Howitzer, as the 155 mm. Howitzer is sometimes called, is intended for a companion piece to the 4.7 inch gun. It fires a 95-lb. projectile a maximum range of 16,390 yards. The carriage permits an elevation of 65 degrees, and is of the split trail type. The total weight in firing position is approximately 14,000 pounds. Two pilots, based upon a pilot designed and built in 1920, have been completed and are being subjected to test.

The two Corps weapons were originally intended to be mounted interchaneably upon the same carriage, which made of the carriage a dual purpose machine. Further investigation and development seemed to show that this is not altogether sound. More economical use of the weight can be exercised in designing the carriage for the particular purpose for which it is intended, and therefore the interchangeable carriage for this type of weapon has been abandoned. A decision which aided materially in arriving at this conclusion was that which stated that the maximum elevation of guns should be 45 degrees and that of howitzers should be 65 degrees. This clearly defines the status of the gun, howitzers should be 65 degrees. This clearly defines the status of the gun, which with its high velocity is intended to reach out to re to reach out to great ranges, and also of the howitzer which with its large projectile is intended to search out territory which it is permitted to do by its curved trajectory, using zone fire.

155 mm. Gun
The 155 mm. gun (Filloux) has been

standard equipment since the war and was used extensively by the French

and American troops in the war. It is an excellent weapon of considerable power. It fires a 95-lb. projectile a maximum range of 17,460 yards. The carriage permits an elevation of 35 de-grees and a total traverse of 60 de-grees. Its total weight in firing posi-tion is approximately 26 000 nounds grees. Its total weight in firing position is approximately 26,000 pounds. In our service it is hauled by a ten-ton tractor. Its wide traverse is a particularly desirable feature permitting rapid changes of target without the necessity of moving the carriage. Artillery development, however, has indicated that 35 degrees elevation with a weapon of this type is too limited to fulfill all missions, and also greater range is desired of a gun of this caliber.

ber.

The British 8-inch howitzer was used during the World War, and it is still available for issue to the service in case of an emergency. It fires a 300-lb. projectile a maximum of 12,300 yards. The carriage provides 45 degrees elevation and 8 degrees traverse.

grees elevation and 8 degrees traverse. The firing platform provided for use with this howitzer allows a traverse of 52 degrees. The materiel weighs about 21,000 pounds in firing position. The Caliber Board calls for a gun of about 155 mm, caliber with an elevation from 0 to 65 degrees and allaround fire, maximum range of 25,000 yards, projectile weighing not over 100 pounds, which projectile would be interchangeable with that provided for the howitzer mounted on medium field carriage. It was recommended that on this same carriage with this 155 mm. this same carriage with this 155 mm. gun should be mounted an 8-inch howgun should be mounted an 8-inch howitzer with the same elevation an traverse. The projectile of the howitzer should weigh not over 240 pounds; the maximum range of the howitzer should be about 18,000 yards.

The redesign of the heavy materiel for both 155 mm. gun and 8-inch howitzer based upon the results of the cates that a satisfactory combination tests of early individual models indican be produced.

The new 155 mm. 8-inch howitzer carriage T2 is intended to supersede the 8-inch howitzer carriage.

the 8-inch howitzer carriage.
M1920 Largest Fracticable

At the present stage of ordnance development, it appears that the 14-inch Gun Railway Mount M1920 is the largest mobile mount practicable. The clearance and weight limitations of railclearance and weight limitations of rail-roads would not permit a larger or heavier mount. The 14-inch, .50 cali-ber gun fires a projectile weighing 1560 pounds a maximum range of approxi-mately 45,000 yards. The carriage per-mits of 50 degrees elevation and 360 degrees traverse on the emplacement; on the track 7 degrees traverse is pos-

sible.

The carriage is so constructed that the gun may be fired from a temporary emplacement on the track, prepared with steel beams to support the weight on the road bed, and outriggers to provide stability. In such an emplacement the trucks are relieved of firing stresses, but the gun can be fired only in the general direction of the track. The mount can also be run on to a prepared emplacement, which it is an-

prepared emplacement, which it is anticipated will be the usual method of employing this piece. On such an emplacement the gun has all around fire. The virtue in a weapon of this type is that with a number of prepared emplacements along the seacoast, advantage can be taken of its mobility to provide ample defense with relatively few guns. A number of these mounts have been completed been completed.

The 12-inch Barbette Carriage, Model The 12-inch Barbette Carriage, model 1917, is one of the most outstanding developments of seacoast artillery in the pre-war period. It fires a 975-lb. armor-piercing projectile a range of about 30,000 yards. Although it has been superseded to a great extent by the 16-inch gun mounted on a Barbette carriage it will remain for a great

the 16-inch gun mounted on a Barbette carriage, it will remain for a great many years a weapon capable of performing all its missions.

Four 16-inch Howitzers and Carriages, Model 1920, have been completed and are emplaced. This howitzer fires a projectile of 2100 pounds approximately 15 miles. Its carriage permits of 65 degrees elevation and 360 degrees traverse. Although intended for mounting in permanent emplacements for seacoast defense, it appears that this weapon can be mounted pears that this weapon can be mounted on the 14-inch railway mount. This has not been proven to date, by proper test, but it is expected that such a test will be carried out at some future

Barbette Carriage

The Barbette Carriage, Model 1919, is a fixed mount for the 16-inch, .50 caliber gun. A number of these have been built and emplaced. The gun fires a projectile weighing 2340 pounds approximately 28 miles. The carriage (Please turn to Page 158)



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THE closer the shave, the longer it lasts. The problem, then, is to get a close shave without the tenderness that too often accompanies it. Every hair in your beard must be soaked soft - to avoid tugging and pulling. Colgate's gets in its good work right at the razor-line. Its active army of tiny bubbles soaks your whiskers right down to the skin and makes your shave a closer, cooler onegives you a longer time before you'll need to shave again.

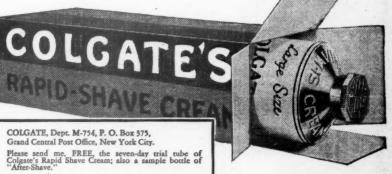
The minute you lather up with Colgate's two things happen: first, the soap in the lather breaks up the oil film that covers each hair. Second, billions of tiny, moisture-laden bubbles seep down through your beard... crowd around each whisker... soak it soft with water.

A comparative test is easy just mail the coupon, now. We will also send you a sample of After-Shave, a new lotion . . . refreshing, delightful...the perfect finale for every shave.









Address .

ON THE RANGES

Ft. Douglas, Utah.—Firing in the face of a heavy wind, Cpl. Canton Reynolds, Headquarters Company, of Lackey, won first place in the annual pistol competition of the 38th Infantry Oct. To. Cpl. Reynolds, who won third place in the individual rifle matches, scored a total of 266 points out of a possible 300 to win the gold medal for the high pistol score. pintol score.

Finishing second among the 29 pistol competitors was 1st Lt. Harold F. Greene, of Company E, with 261. Other high placed shots in the individual matches were Pvt. Natallo Rocco, Company H, of Johnston, Pa., with 257; 2nd Lt. Earnest A. Barlow, Headquarters Company with 256; and Sgt Robert W. Burns, Company M, of New Verda, La., with 255. La., with 255.

Seven teams of six men each were entered in the team pistol matches which resulted in a close battle be-tween three companies for first honors. The entry from Company L won the perpetual challenge trophy by a score of 1451. Seven points behind was Company M with 1444.

Headquarters Company finished third in the team match with 1438 and the Band fourth with 1396.

Band fourth with 1396.

The members of the winning Company L team were: Pvt. Natallo Rocco, 254; Pvt. 1st cl Benjamin Carrillo, 253; Sgt. Robert Bratton, 245; Cpl. John E. Gerard, 245; 1st Sgt. Landon Finch, 236, and Sgt. Axel Johnson, 218.

Cpl. Exton Bond, Company L, scoring 180 out of a possible 200, won the individual rifle championship. Tied with Cpl. Bond in total number of points was Sgt. Axel Johnson, also of Com-

was Sgt. Axel Johnson, also of Com-pany L. The gold medal, however, went to Cpl. Bond, who scored the high-est number of points at the 600-yard

Fifty-one officers and soldiers participated in the rifle matches which com-prised slow and rapid fire at 200 yards, rapid fire at 300 yards, and slow fire at 600 yards. Medals went to the three high shots and cash prizes to the five

Seven companies entered teams of six men each in the rifle team matches

which resulted in even keener competition than the individual matches. The final result was a tie between Headquarters Company and Company L with 1030 points each. Under the rules of the competition, however, Headquarters Company was declared the winner of the perpetual challenge

Presidio of Monterey — The second contingent of the 30th Infantry completed their annual target practice at Ft. Barry, Calif., and returned to the Presidio Sept. 27. The Second Battalion departed the same day for the range to try their luck with the rifle.

The Third Battalion less Company

range to try their luck with the rifle.

The Third Battalion, less Company "K," having been the first to go to the range, came back with a record few can equal and fewer can beat. Company "I," commanded by Capt. O. H. Brizer, completed the rifle marksmanship course with a record of 100 per cent qualified and an average score of 293.87. Company "L," commanded by Capt. J. O. Roady, qualified all men and made an average score of 299.66.

The First Battalion also did well. Company "A," commanded by Capt. H. J. McChrystal, turned out 10 expert riflemen, 24 sharpshooters and 32 marksmen, making an average score of 287.75, and qualified 100 percent. Company "B," commanded by Capt. W. M. Mann, qualified 7 expert rifle-

of 287.75, and quantitation of 287.75, and qualified 7 expert riflemen, 20 sharpshooters and 39 marksmen for an average score of 282.0. Company "C," commanded by Capt. J. C. Newton, finished the season with 7 expert riflemen, 24 sharpshooters and 37 marksmen, and an average score

The Band completed their pistol The Band completed their pistol practice for the 1930-31 training year, under the new regulations, on Oct. 3, 1930. The showing made was excellent, i. e., 8 experts, 7 sharpshooters and 8 marksmen out of a total of 24 men completing the course. The average percentage was 76.95, and the percentage qualified was 91.67.

Col. Carrol B. Hodges Retires

Recent orders relating to the retirement of Lt. Col. C. B. Hodges refer to Lt. Col. Carroll B. Hodges, the War Department announces, Lt. Col. Campbell B. Hodges is on exting data. bell B. Hodges is on active duty as Military Aide to the President.



Finds favor where discipline and good fellowship prevail—that's why your Post Exchange and Commissary can supply you with

BUSCH EXTRA DRY

"America's Finest Ginger Ale"

ANHEUSER-BUSCH - - - ST. LOUIS

"The best in beverages for over 70 years"

IN THE SADDLE

Governors Island, N. Y.—Youth was served the short end of the score in the final game of the Second Corps Area Championship Polo Tournament here last Sunday, Oct. 12, when 59-year-old Brig. Gen. Howard S. Borden out-played and out-rode the ROTC students of Princeton University to lead his Organized Reserves quartet to victory—15 to 7—and the 1930 military polo title of New York State, New Jersey, and Delaware.

With the fiery, straight-backed Gen-

With the fiery, straight-backed General, who himself ran up seven of the Reservists' tallies, rode his son, Lt. Arthur Borden, now an officer in the Reserve Corps, but a few years ago an important cog in the Princeton ma-chine that twice won the Second Corps

Area's premier polo honors.

It was those two earlier Tiger conquests that precipitated a peculiar situation as the Organized Reserves by Sunday's triumph tied the Princetonians for permanent possession of the 5-year-old Corps Commander's Cup, requiring an extra match for the play-off.
The line-ups and summary:

Organsied Res. (15) Pes.
Lt. Thos. B.Bancroft No. 1
Lt. A. Borden No. 2
Lt. W. Sackman
Gen. H. S. Borden Back Byrnes MacDonald

Goals—Reserves: Bancroft (2), Lt. Borden (3), Sackman (3), Gen. Borden (7); Princeton: Freeman (2), MacDonald, by handicap (4).

Referee—Lt. Col. C. A. Thuis, 18th Inf. Umpires—Capt. J. V. MacDowell, Cav., and Capt. John T. Cole, Cav. Timekeeper—Capt. R. J. Hoffman, 18th Inf.

more than 8,000 spectators, Oct. 12. Lt. Scott was the high scorer for the

winners, contributing five goals. In the second period he put the 1st Di-vision ahead when he scored two goals in succession with the teams deadlocked at 1-all.

The score became tied at 5-all on Haskell's fifth goal in the fifth period and each side scored once again before the period ended. Goals by George and Harris in the sixth tied the teams once more at 7-7 and then Lt. Scott

once more at 7-7 and then Lt. Scott broke up the game with his goal in the extra period.

The line-up:

Ist Division (8)

Lt. J. Van Houten
No. 1
Lt. S. Lipman
Lt. J. D. Scott
No. 3
Lt. Alex George
Capt. D. M. Scott
Gapt. T. Harris
Goals—1st Division: Lt. J. D. Scott (6), Lt. Van Housten (2), Capt. Harris: Governors Island: Lt. C. A. Haskell
Lt. C. A. Haskell (5), Lt. Alex George,
Maj. P. Davison.

Ft. McPherson, Ga.—Wesley Moran and P. D. Christian, Jr., showing the way in a brilliant exhibition of offenway in a brillant exhibition of offen-sive play, the Governor's Horse Guard polo team snowed the Ft. McPherson four under on Oct. 12 by a 13-0 mar-gin in the fourth contest of the season between this pair. This leaves the Guards with a 3-1 lead in games to date.

The Guards took the offensive from the very first in Sunday's game, and there was never any doubt as to the ultimate winner, though Wing was all over the field in the first four periods and the whole Post team worked hard

did well in the last two frames, domi-

counting for two scores.

Guards

Love (1)

Christian (4)

Williamson (1)

Mo. 2

Spettle

Williamson (1)

Mo. 3

Wing

Moran (4)

Back

Shubert

1,2,4,1,2,2,1,3
 Guards
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 2—13

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Governors Island, N. Y.—Officers from Madison Barracks, N. Y., who participated in the military riding tournament, staged Oct. 2, at Kingston, tournament, staged Oct. 2, at Kingston, Ont., Canada, by the Royal Canadian Horse Artillery, have returned to the Post with the trophies won at the tournament. The Madison Barracks officers, Lt. Col. Francis A. Ruggles, 7th FA, Capt. Norbery C. Manley, 7th FA, and Lt. Russell G. Duff, 7th FA, made a clean sweep of the main event, the open jump and riding event. Col. Ruggles took first honors, riding Lady Luna; Capt. Manley, on Man of War, was second, and Lt. Duff, riding Bimbo, was third. There were 25 entries, the best riders of the Canadian outfits participating. Maj. Gen. Ross and Maj.

BASEBALL IN NICARAGUA Granda, Nicaragua, Sept 17.—The U. S. Engineer Battalion in Nicaragua, and a detachment of the U. S. Ma-rines from the USS Rochester enjoyed the national pastime yesterday, resulting in the Engineers coming out on top by the score of 5 to 1.

The game was viewed with much interest by the natives who have also had the honor of being on the losing end of a game with the Engineers. The end of a game with the Engineers. The Engineers have done much to encourage the natives in the game here. Two of our men, Cpl. H. Sitler and Pvt. C. E. Parkins, both from the 29th Engineers, Fort Humphreys, Va., have every Sunday umpired the games between the two leading teams in Nicaragua. Sometimes when they fail to umpire a game the natives fight and argue and the game sometimes lasts for four hours. Our men have cut down the games to 2 and sometimes 1½ the games to 2 and sometimes 11/2 hours, much appreciated by the Nicaraguans.

The game with the Marines was just a friendly one and everyone enjoyed it very much. The battery of the Marines, Crusse, pitcher, and Mooney, catcher, did not get the support it deserved; while on the other hand the support of the Engineers was up to date. The battery for the Engineers being Pvt. Jack King, pitcher, and Sgt. Free, catcher, both from Panama, C. Z. Sgt. Free, Sgt. W. E. Breandle, and Pvt. John Gwynne, featured in the playing of the "ditch diggers."

THOMAS BEATS DILL

Quantico, Va.—In the feature bout of a boxing program held Oct. 13, in honor of the Mayor of Philadelphia, Harry A. Mackey and his party, who were guests of Maj. Gen. Smedley D. Butler, commandant of the post, were guests of Maj. Gen. Smedley D.
Butler, commandant of the post,
Johnny Thomas, hard-hitting middleweight from the signal battalion, sent
Jimmie Dill, battling aviator, down for
the count of ten in the second of a
scheduled six-round engagement.
Thomas kayoed his opponent with a
steaming left to the stomach.

In the semifonal field "Tayron"

steaming left to the stomach.

In the semi-final fight "Tarzan"
Mayer battled "Kid" Ice to a draw after
a torrid 6-round match which found
neither boxer shading the other. In
the 165-pound class "Red" Schmidt
received the decision over Gruber.
Johnny Ward was awarded the referee's verdict over Eastbrook in a
very one-sided encounter in the 155pound class. Gregory out-boxed Ward
Phelan in the 135-pound class, and
Barnett lost to Joe Berryman in the
129-pound division on a decision.

QMC STUDENTS SEE GAME

The enlisted detachment and students The enlisted detachment and students at the Quartermaster Corps School, Philadelphia, Pa., with Warrant Officer William J. Mills, USA, in charge, saw their host, Drexel Institute, battle the Juniata eleven at Drexel Stadium on Saturday afternon, Oct. 11, and emerge victorius with victorious with a score of 13-8.

Gen. McDonald complimented the Madison Barracks' Officers highly on their horsemanship.

Capt. Manley also captured the spectacular "Thread-the-Needle" Race. This consisted of racing down the field to a point where women were stationed. The riders carried thread, and the wo-men had the needles for their riders, who then raced backed to the starting manley rode "Blackbottom," an Ha-waiian thoroughbred, which he brought here from the Island of Kauai. The horses were ridden from Madison Barracks to Camp Vincent and then put on a boat to Kingston.



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LANGLEY FIELD WINS

Langley Field, Va.—Hammering away for the better part of the second half at a valiant Apprentice School line that refused to give an inch, the crack Langley Field eleven was forced to take to the air for the touchdown that defeated Monk White's fighting Maroon forces 14 to 7 before a wildly cheering crowd at the Apprentice Field. It was a great football game, a brilliant victory for the aviators and a heartbreaking defeat for the Apprentices. Never have they fought with their backs to the wall as they did last night. There were occasional fumbles, some costly, but to offset these there were flashes of play that smacked of the sensational.

The exhibition of punting given by

The exhibition of punting given by "Red" Tyrell, aviator back, was something to marvel at, while on the other hand Camper's bullet-like passes, fired with admirable precision into the hands of the Maroon-jerseyed receivers—frequently half the length of the field-brought the crowd cheering to its feet.

its feet.

The Maroons broke the ice in the second quarter when Camper hurled a 25-yard pass to Wornom, who was downed in his tracks on the Langley 45-yard line. The big Apprentice back repeated a moment later, shooting another rocket-like pass to Casey Jones, who raced 20 yards to the 5-yard line before he was brought down. Canepa smashed through the line for 3 yards. Camper went over center for another Camper went over center for another camper went over center for another yard and was held for no gain on the third down. The Apprentices' last chance for a score found Canepa over the line by inches. Fraser place-kicked for the extra point.

The Aviators deadlocked the score in the same quarter when Kerrage

The Aviators deadlocked the score in the same quarter when Kerr on a beautiful triple pass behind the line of scrimmage, doubled through the whole Apprentice team and dashed 50 yards to a touchdown. Howard placekicked for the extra point.

The winning score came only after a bitter struggle, in which it looked as though the Apprentices' gallant stand might be successful. A long pass, Tyrrell to Day, gave Langley a first down on the Maroon 15-yard line as the third quarter ended. The Apprentice line, bracing desperately, held for downs on their own 5-yard line. Camedowns on their own 5-yard line. downs on their own 5-yard line. Camper's punt fell short on his own 20-yard line. Day passed to Owen on the 11-yard marker, Tyrrell made it a first down on the Maroon 9-yard line, and then lost a yard on an end run. Owens then lost a yard on an end run. Owens hit the line for 6 years, was held for no gain on the 5-yard marker on the third down, and then Day tosed a pass

third down, and then Day tosed a pass to Tyrrell in the end zone for a touch-down. The Apprentices were off-side on the try for extra point, and the Aviators took the lead.

Brilliant work by Casey Jones, diminutive Apprentice captain, who made several sensational catches of passes, Capt. Day of the visitors, Hetrick, Langley back, who was forced out of the game with injuries, and Wornom, fleet Maron halg-back, gave the enthusiastic crowd plenty of thrills.

Line-up and summary:

Apprentice Langley Field

Langley Field Apprentice

MarshallL. E	Kowaleski
vannL. T	Piner
AllenL.G	Jeannette
Bulifant	Raiter
wynneR. G.	Fosse
StockmanR. T	Holmes
DunnR. E	Donn
JonesQ. H	Owens
Canepa L. H	Tyrrell
WornomR. B	Day
CamperF. B.	Hetrick
Scores by quarters:	

Apprentice Langley Field 0 7 0 0— 7 0 7 0 7—14

Scoring for Langley Field: Touchdowns
—Kerr, Tyrrell. Extra points—(Langley) Howard (placement) (Langley) Tyrrell (Apprentice off side). Scoring for Apprentices: Touchdown—Canepa. Extra point—Fraser (placement). Substitutions for Langley Field—Kerr, Soult, Worrall, Powell, T. Keys, Howard, Stanowich, Graveley, P. Keys, Mason, Leady McKinney, Gates and Collins. Substitutions for Apprentice—Fraser, Varnar, Bishop, Engleburt, Nicholas, Wray, Fox, Foretich. Geggie, Howard, Synder and Grant. Officials: Referee—Hoster. Umpire—Gresham. Head linesman—Lamkin.

PRESIDENT TO SEE NAVY GAME President Hoover has tentatively accepted an invitation to witness the Navy-Princeton football game to be held Oct. 25 at Princeton.

Riflemen's Shooting Coats Coats are made especially for military rifle abooting of government olive drab duck and are correctly padded at the shoulder, elbows, and for the sling. Send your stamp NOW for full information, order blanks, samples, etc. G. R. C. ARMENT COMPANY, Box 216, Olean, New York.



Service Sports



NOTRE DAME BEATS NAVY

Annapolis, Md.—Knute Rockne's Notre Dame Ramblers dedicated their new stadium at South Bend, Ind., last week with a victory over the Naval Academy, 26-2. In the first quarter Navy seemed to be holding their own. However, in the second quarter Savoldi scored twice on end runs of 23 and 47 yards. Lack of reserves began to bake itself felt particularly due to the hot weather. hot weather.

Savoldi also scored in the third quar-Bayond also scored in the thru quar-ter from the two-yard line, he and Brill bringing the ball to this position from midfield in two plays. Notre Dame's fouth touchdown came in the last period when Staab, a substitute back, carried it over from the five-yard

Navy's only score came in the last period also, when Agnew, Irish third center, passed the ball over his halfcenter, passed the ball over his half-back's head as he stood behind the goal line to punt. Notre Dame recovered and Navy was awarded two points. Navy's principal flashes were line plunges by Kirn, Hagberg's quick kicks and two passes, Gannon to Byng, which netted 37 and 16 yards each.

The line-up:

Tue mine min	
Navy	Notre Dame
Smith	L.E. Hos
Bowstrom I	L. T Hoffman
UnderwoodI	L. G Harri
	.C Roger
GrayI	R. G Terlaal
Bryan I	R. T McManmon
Byng	R. E Vel
Bauer	2. B Jaskwhich
Gannon 1	. H. Koker
	R. H Kaplan
HagbergI	B Howard
Score by periods:	
Notre Dome	0 13 7 6-20

0 0 0 2-2 Notre Dame scoring — Touchdowns, Savoldi (substitute for Howard), 3; Staab (substitute for Howard and Savoldi) 1. Points after touchdown—Carideo (substitute for Jaskwich), 2. Safety: Mahoney (substitute for Jaskwich), 2.

Referee—Gardiner, Cornell. Umpire—Haines, Yale. Field Judge—Col. Hackett, West Point. Head linesman—Daniels, Loyola.

N. A. SOCCER

Annapolis, Md.—A ten-game schedule will be played by the Naval Academy soccer team this year, and with but six of last year's team available have a task before them.

From the 1929 lineup there is Capt. Williamson on the forward line, Steere at center half, Corson at left full back, and South, Weiler, and Powell as goal-

The schedule:

Oct. 18-Lehigh University at N. A. Oct. 22-Western Maryland College

Oct. 29-Swarthmore College at N. A. Nov. 1-Harvard University at Cambridge, Mass.

Nov. 5-Syracuse University at N. A. Nov. 12-Frankin and Marshall Col-

Nov. 15-Haverford College at N. A. Nov. 19—Bucknell University at N.A. Nov. 22-Dartmouth College at N. A. Nov. 27-Yale University at N. A.

DEDICATION OF WARREN BOWL

Ft. Francis E. Warren, Wyo.—Warren Bowl, the largest athletic stadium in the State of Wyoming, was formally dedicated here Oct. 15, on the occasion of the Wyoming University Freshmen playing the First U. S. Infantry foot-

playing the First U. S. Infantry football team.

The dedication consisted of impressive ceremonies opening at 1:30 p. m., with the massed bands of the 1st Inf. and the 12th Inf. playing "Red, White and Blue," "Stars and Stripes Forever," "National Emblem," "Under the Double Blue" and "Army Blue," as the people assembled. The exercises were then opened with an invocation

as the people assembled. The exercises were then opened with an invocation by the Chaplain, Capt. C. O. Purdy, following which Lt. Col. Frederick W. Manley put on a Battalion Ceremony on the field.

Warren Bowl was then dedicated by Brig. Gen. C. R. Howland, the commanding general of Ft. Francis E. Warren. At the completion of his remarks the Bowl Pennant was raised over the stadium and a battery of the 78th Field Artillery opened fire with a 76th Field Artillery opened fire with a cannon salute.

ARMY WINS AGAIN

West Point, N. Y.—Army continued on its winning way last Saturday beat-ing Swarthmore 39 to 0, to roll its scoring total to 132 points while keeping its own slate clean.

The cadets used a host of second and third-string players, who filled the line-up, except for a brief portion of the opening quarter, when Army's varsity ball carriers saw action.

Two touchdowns were scored by the cadets in each of the first three quarters. The final period was scoreless, also Army was on the visitors' 10-yard mark for a first down when the final whistle blew.

Assistant Secretary of War F. H. Payne and his family viewed the game, flying up from Washington.

The line-up:

4 (00)	a (a)
Army (39).	Swarthmore (0)
BurlingameL.E.	Biddle
GordonL.T.	Keefer
SummerfeltL.G.	Sipler
Evans3.	Crowl
TriceR.G.	Sunderland
Armstrong R.T.	M. Hicks
Messinger R.E.	
CarverQ.B.	McCracken
HerbL.H.	
LetzelterR.H.	
FieldsF.B.	
Score by	Periods

.....13 12 14 Army Strathmore Touchdowns—Herb, Glattly, Hack, Frentzell, MacWilliams, Sebastian. Points after touchdown—Letzeiter (placement); Glattly 2 (placements.)

QUANTICO SWAMPS FT. EUSTIS Quantico, Va.—The Quantico Post Team swamped the soldiers from Ft. Eustis 110 to 0, in a very one-sided contest Friday, Oct. 10, at the Quan-tico Stadium. The play was very un-interesting after the first period, when

the Marines tallied 26 points.

Druz was the high scorer of the day, making four touchdowns, one of which he had to run 70 yards to make. Noon played a very good game and succeeded in blocking a number of the soldiers' plays. Coddington grabbed a pass and ran 50 yards for a very spectacular touchdown. Jimmie Hill ran 60 yards for a touchdown and found out shortly afterwards that he had stepped outside the line and the ball was brought back for another play. back for another play.

Quantico Post Team Ft. Eustis McNulty Spellman Koropka Dever Dupler Freeman Tittle Crawford Byrne Q.B. L.H. Robinson Postlewaite
Goff
Tatterson
Linkkus Booth Butler Beck .

Touchdowns—Diaz 4, Booth 3, Shess 3, Butler 2, Coddington 2, Posik, Selden, Ross 1, Subs: Every player on the

DEFEAT 24TH INF.

Ft. Benning, Ga.—Clarke University, of Atlanta, staged a counter attack in the last half of Saturday's game, Oct. 11, at Ft. Benning, to defeat the Happy Hearts of the 24th Inf., 27 to 0. The first half was a see-saw affair, with the teams fighting on even terms. In the last half the visitors mixed several long passes with wide end runs to swamp the Infantry team.

CALIFORNIA WINS

San Pedro, Calif.—Opening the Bat-tle Fleet football season for 1930, the USS California defeated the outfit from the USS Nevada 6 to 0 on Sept. 27 at Trona Field.

In the other half of the doubleheader which opened the battleship competition, the USS Maryland and USS Idaho battled to a tie. Results of the games on Oct. 4, were also all tied up. The USS Nevada and USS New York ended their scheduled game at 6 all while their scheduled game at 6 all, while Maryland and USS Mississippi were also tied when the close of their game

The game opened with a punting duel between Van Acker of the Bears and Ens. Millican of the Nevada. There was little to choose between both teams in the first quarter. In the second quarter the Bears began hitting the Nevada line hard and after working the pigskin down the field to the five-yard line by passes from Beveridge to Rushing and some clever back-field performance by Kowitz, Zeman and Baumgardner, Van Acker took the ball on the five-yard line and on two plays smashed through for a touchdown. Van Acker's attempt to convert was blocked.

Acker's attempt to convert was blocked.

The Bears threatened to score again in the third quarter, but the Nevada line refused to crack. Ens. Millican of the Nevada displayed some beautiful pass work, but not a Nevada man was in sight to receive. Phitzer, Pierce, Brush, Haddon, Hall and Fisher at center stod out, while the Bear backfield showed plenty of class.

The line-un

The mie-ul	, .		
USS Californ	da (6)	USS Neva	da (0)
Phitzer			
Prante	L. T	l 	Ratizii
Brush	L. G	t F	Becke
Fisher			White
Haddon			
Pierce	R. G		Sena
Hall	R. T	t	Hil
Van Acker	Q		Harrison
Baumgardner	R. H. B	l	Smitl
Cowitz	L. H. B		Millican
Zeman	F.B		Lyni

USS California 0 6 0 0—6
USS Nevada 0 0 0 0 0—0
Substitutes, Califronia: Younger for
Brush, Lynch for Pierce, Sorter for
Prante, Beal for Haddon, Bills for Beal,
Trosky for Phitzer, Prentice for Trosky,
Parmente for Van Acker, Rushing for
Fisher, Beveridge for Cowitz.
Nevada: Haag for Beckner, Haines for
Ratzin, Teft for Daly, Freerka for Hill,
Rickey for Harrison, Jolley for White,
Phillips for Smith. Score by periods: USS California USS Nevada

NAVY GAMES ON RADIO Outlying naval stations are receiving Naval Academy football results by radio this year.

Commandments of the 12th, 14th, 15th, and 16th Naval Districts and the 15th, and 16th Naval Districts and the District Communication Officer at San Juan, P. R., are radioed scores at the end of each quarter of the Navy's games, and the bulletins which are sent from Washington are delivered or relayed to the various stations under their command. In addition, Washington will broadcast bulletins on 68 kilocycles. No play by play broadcasts by Navy radio. Navy radio.

24TH INF. LOSES

Ft. Benning, Ga.—Morris-Brown Institute of Atlanta, Ga., defeated the Happy Hearts of the 24th Inf., 13 to 7, at the Doughboy Stadium in one of the fiercest fought gridiron duels ever played at Ft. Benning.

The visitors scored their two touchdowns in the second quarter. The soldiers went scoreless until the final quarter when they scored a touchdown on a forty-yard pass by Heard to Collins. The game ended with the Happy Hearts on the visitors four-yard line.

(Additional Sports on Page 157)

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ARMY AND NAVY JOURNAL

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"Established in obedience to an insistent demand for an official organ for members of the American Defense and those concerned with it, The Army and Navy Journal will be published in the interest of no party; it will be controlled by no clique. Its independence will be absolute. Its interests will be directed solely to the inculcation of sound military i deas and to the elevation of the public service in all its departments."— From Vol. 1, No. 1, of The Army and Navy Journal, published August 29, 1863.

SATURDAY, OCTOBER 18, 1930

"There is no question that combined pay and allowances of men in the Army, Navy and allied Services provide much less income than duties of similar nature and responsibility in civil life."—CINCINNATI ENQUIRER.

SEA DUTY, UNFORTUNATELY, has interfered to prevent the continuance of Rear Adm. Luke McNamee as Chairman of the Interdepartmental Pay and Promotion Board. The service this diplomatic officer has rendered in a matter of supreme importance to the efficiency of the Army, the Navy, and the Marine Corps, has been helpful not only to the National Defense Arms but to the President and the Congress as well. A man of broad vision, familiar with the situation of the Government and of that of the military and naval personnel, Adm. McNamee was able, with the assistance of his colleagues on the Board, to draft and propose a pay schedule which in the Services and throughout the country was accepted as fair. His work in connection with promotion reform promised an equally satisfactory solution. His successor, Rear Adm. Frank H. Clark, is fitted to take up the problem where Adm. McNamee has left it. Consequently, we are looking forward to an impressive report from the Board.

THE AMERICAN LEGION continues determined to see that "adequate and THE AMERICAN LEGION continues determined to see that "adequate and just compensation" be provided for the Regular Services. Going farther than in its original resolution, it adopted a measure at Boston which instructs its Legislative Committee in Washington to display active interest in the needed legislation. The Legislative Committee of the American Federation has received similar instructions. With these two bodies at work, and with organized business adopting resolutions favorable to increased pay, it is evident politicians at the Capitol will deem it desirable to give prompt consideration to the impending report of the Interdepartmental Board. None of the Services wants influence to sway the President and the Congress in this matter. What they are anxious for is the development and fair consideration of the facts, and the facts themselves will demand legislation without delay.

WE PRINT ON ANOTHER page an analysis of the naval reorganization which was ordered last week. We regard that kind of a reorganization as a serious blow to national defense. In these days of piping peace, with economic depression in the saddle everywhere and revolutions as its riding companion, there is little danger of the United States becoming involved in war. But a Navy is not the creation of today or tomorrow; it is the result of years of construction and development and training. Think of the time it takes to build and equip a capital ship or even one of smaller type, to make an efficient officer or enlisted man, and to bring about that coordination of movement and operation of ships at sea, which is essential to victory! It will be another Administration of the future that will be denounced by an infuriated people for failure to be prepared, but the blame will rest upon those who, in the past, from a mistaken sense of economy, adopted policies, which were responsible for its lack of preparation.

AND HOW CLEVERLY the reorganization plans were announced. Usually, AND HOW CLEVERLY the reorganization plans were announced. Usually, such announcements come from the Secretary of the Navy who, after all, is the civilian directly responsible for the welfare of the Fleet. But those in charge of political affairs recalled the doubt as to the desirability of the London Treaty, which was created by the criticisms of the "admirals." So the Secretary of the Navy contented himself with an inoccuous statement, and the newspapers throughout the country blazoned the fact that an Admiral of the Navy was responsible for and had issued an explanation of what had been decided. Thus, the fears of the people were calmed, because of their belief that the plans adopted were the result of long and careful deliberation. In this connection, we are told that the idea underlying the reorganization is to supply the United States with the "nucleus" of an adequate fighting force. The synonym for "nucleus" is "kernel," "core," and how a Fleet can be assembled around such a center in the beginning of war is something difficult to understand in view of the time required for the construction of ships and their training for Fleet service. A navy must be ready always with its strength available to find and destroy an enemy. A hostile force will not wait upon development of a nucleus.

PACIFISM IS CERTAINLY busy. It won a signal victory in the opinion of the Actorney General that military instruction is not obligatory in Land Grant Colleges, and now it is pressing for a decision of the United States Supreme Court permitting citizenship to be granted to those who declare they will not bear arms in defense of the country of their choice. We are confident the Supreme Court will not permit exception to one part of the constitution and allegiance to the rest, but will hold that the oath must be taken to defend and uphold the entire Constitution. We believe, too, that Congress will amplify the provisions of the Morrell Act so as to require military instruction in the institutions benefiting from its provisions. Another pacifistic movement is announced in the form of an international manifesto objecting to military training and conscription. The signers are recognized pacifists and neurotic authors, who have profited by publishing books devoted to the horrors of war. Luckily we have bodies like the American Legion, amongst the members of which are men who were on the battlefields, and who will not be carried away by propaganda directed against the safety of the United States. Proper and adequate training is the best possible means to prevent undue suffering in time of war.

THE CONGRESSIONAL COMMISSION, which has been investigating conditions in America Samoa, has returned and is enthusiastic over the results of naval administration of the two islands in the South Pacific. Senator Bingof naval administration of the two islands in the South Pacific. Senator Bingham, chairman of the Commission, highly praised the officers who had controlled te destinies of the Samoan people, saying they had done a "marvelous job" and had preserved Samoa for the Samoans in a way which is unique in the Pacific. He added: "No government is perfect, but in an examination of any city in the United States, I doubt whether you would find less use of arbitrary power and injustice than is shown in the record of the naval administration." This tribute has been too from Connecticut is not surprising to us who know the senator. by the Senator from Connecticut-is not surprising to us, who know the care with which the Navy generally discharges its governmental functions.

Service Humor Blow It in a Bottle

Orderly (tapping at the door of an officer's stateroom)—Sir, I have a verbal message for you.

Officer (sleepily)—Thanks, just put it under the door.

——O———Contributed.

Free Lunch

Sailor (telephoning sweetie)—"Hello, dearest, would you care to dine with me this evening?"

She—"Of course, dear."

Sailor—"Well, just tell your mother I'll be over for dinner, then."

First Offense

C. O .- "Guilty or not guilty, ser-

geant?"
Sergeant—"Not guilty, sir."
C. O.—"Ever been in the brig before?" Sergeant—"No sir, I was never over-ave before."

Trains for Track

Patrol Officer—"What steps do you take when trouble starts?"
Patrol—"Long ones, sir."
—Contributed.

An Altruistic Request "I'm not asking anything for my-self," said the colonel's only daughter in her prayers one night, "but please give father a son-in-law."

-Contributed.

The Mirror Would Break Sergeant—"Yon can criticise my girl Sergeant—"Yon can criticise my girl if you want to, but anyway she doesn't spend hours gazing in her mirror the way your girl does." Corporal—"Shucks, your girl doesn't

-Contributed.

Why Aren't We all?
"I'm afraid, doctor," said Capt.
Jones' wife, "that my husband has some terrible affliction. Sometimes I talk Jones' wife, "that my much terrible affliction. Sometimes I talk to him for hours and then find he hasn't heard a word."

"That isn't an affliction, madam," replied the doctor, "it's a gift."

—Medical Standard.

Arduous Labors

Medical Officer (to sailor taken sick aboard)—"I'm sending you to the hospital. You're altogether too sick for duty now."

Sailor—"Other the sending to the

Sailor—"Oh, doctor, I'll do anything if I only can keep from going to that hospital."

M. O.—"Why, what's the reason?" Sailor—"I couldn't stand the work up there."

-Newport Recuit.

She's Cheating
Major—"Why the tears, dear?"
Major's wife—"You, you haven't given m-m-me anything for my 29th birthday."

Major—"Twenty-ninth? You've forgotten, sweetheart, but I gave it to you last year."

-Contributed.

Tin Hats The weary doughboy, fresh from the trenches, moved slowly up the aisle

"Oh, I say, soldier, you can't sit there," said the secretary. "The front is reserved for officers." "Well, the one I just came from wasn't!" the soldier snapped back in

Why Hesitate?

You don't have to be professional writer just to jot those corkers down and send them to the JOURNAL Humor Editor.

TEST YOUR KNOWLEDGE

SEE how many of the following questions you can answer, then think up some wit-sharpeners of your own and send them to the "Test Your Knowledge" department of the Journal. of the Journal.

1. When was the present system of marking first instituted at the Military Academy?

2. When was the "First Army" organized during the World War?

3. What was the allowance of machine guns per regiment in 1912?

4. Who were the first flyers in ac-tive service wearing the American uni-

' 5. What King of England is regarded as the founder of the British Navy?

6. What was the Board of Commissioners of the Navy?

7. Who was the first Chief of the Bureau of Navigation?
8. What was the length of the course in the early days of the Naval Acad-

(Turn to page 167 for answers)

IN THE JOURNAL **60 YEARS AGO**

In connection with the solar eclipse, to occur in December and which will be better visible in the Mediterranean be better visible in the Mediterranean than elsewhere, several parties from the United States will be sent to observe it. The Secretary of the Navy has appointed a party from the Naval Observatory to go. They will leave about the first of November. Professors Asaph Hall, William Harkness, Simon Nawsomh and John B. Estates. Simon Newcomb and John R. Eastman.

The single colored cadet at the United States Military Academy has been ordered before a court-martial, upon charges involving his moral character. character.

Some experimental trials have been carried out by the British royal enginers at Chatham for the purpose of testing the value of parachute shells in lighting up a large extent of country in order to according the movetry, in order to ascertain the move-ments and dispositions of troops. Three ments and dispositions of troops. Three of the large parachute shells were sent up from Prince Henry's bastion, two of which exploded when at a great height, lighting up by means of the magnesium light, the whole extent of Chatham lines, every portion of which was distinctly brought into view, and the various dispositions of the troops on the ground clearly discernible.

The second German expedition "to

The second German expedition "to the North Pole, has ended rather un-successfully. One of the two ships which penetrated the frozen north re-turned to Bremen with scientific data, after years spent vainly attempting to reach the pole.

ASK THE JOURNAL

SEND your queries to the ARMY JOURNAL QUES TION EDITOR and an answer will be given as soon as possible after receipt either in this column or by mail. Questions relative to living main sact Army posts or Navy shore stations will be answered in detail by letter.

P. L. McA .- The time for application for retirement pay for emergency officers has not been extended and the period during which these applications ere to be submitted has expired.

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1st other assign 11.) Maj OR, 7 Bn. (Maj with (325th other

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Capt with (1st Ft. Nin 1st Ta

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applicat after m 10.) The

Infantry foreign cated af L. G.

Navy Dept. Marine Corps

Coast Guard Naval Reserves

:-: OFFICIAL ORDERS :-:

War Dept. Corps Areas

National Guard Officers' Reserve Corps

ARMY ORDERS

GENERAL OFFICERS

GENERAL OFFICERS
Brig. Gen. W. H. Tschappat, Asst. to
Ch. of Ordnance detailed a member of
bd. of officers to meet for purpose of
standardizing the form of contracts, in
addition to his other duties. (Oct. 11.)
Maj. Gen. Preston Brown, from detail
as member of GSC, from assignment to
War Dept., Gen. Staff, from detail and
duty as Deputy Chief of Staff, Wash.,
D. C., Oct. 11, assigned to command of
Panama Canal Dept.; proceed to New Orleans, La., sail Nov. 15 for Cristobal,
C. Z., thence proceed to hq., Panama
Canal Dept., to assume command. (Oct.
11.)

GENERAL STAFF CORPS

MAJ. GEN. C. P. SUMMERALL, C. of S.
Maj. Gen. E. E. Booth, from duty as
Asst. to Ch. of Sta. (Oct. 11.)

Maj. Gen. E. E. Booth, from duty as Asst. to Ch. of Sta. (Oct. 11.)

QUARTERMASTER CORPS

MAJ. GEN. J. L. DEWITT, the QMG Capt. G. E. Lamb, from treatment at Walter Reed Gen. Hosp., Army Medical Center, Wash., D. C., rejoin proper station. (Oct. 10.)

Lt. Col. A. T. Rich, detailed for duty with OR, 1st CA, assigned to duty with 94th Div., in addition to other duties, Jan. 25. (Oct. 11.)

Capt. L. M. Garner, from present assignment and duties at San Juan, Porto Rico, on completion of pres. tour of foreign service. (Oct. 11.)

Capt. H. C. Mitchell, from additional duty with 513th Port Bn., from detail with OR, 3rd CA. (Oct. 11.)

1st Lt. W. C. Conover, from duty at Holabird qm. depot, Baltimore, Md., proceed to N. Y. C., sail Dec. 2 for Porto Rico for duty. (Oct. 11.)

Capt. S. C. Cratch, assigned to duty at New York gen. depot, Brooklyn, N. Y., on completion of pres. tour of foreign service. (Oct. 14.)

Capt. H. M. Andrews, on duty at Seattle, Wash, in addition to other duties detailed with OR, 9th C. A., assigned to hq., 4th Reserve District. (Oct. 14.)

MEDICAL DEPARTMENT

MAJ. GEN. M. W. IRELAD, the SG

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detailed with OR, 9th C. A., assigned to hq., 4th Reserve District. (Oct. 14.)

MEDICAL DEPARTMENT

MAJ. GEN. M. W. IRELAD, the SG
The placing of Contract Surgeon F. A.
Brandt, USA, on duty at Ft. Meade, S.
Dak., Oct. 10, announced. (Oct. 14.)

Maj. R. B. Shackelford, Ft. George G.
Meade, Md., proceed to home and await retirement, Nov. 5. (Oct. 13.)

Maj. Richmond Favour, Jr., detailed a member of bd. of officers to meet at Army and Navy Gen. Hosp., Hot Springs National Park, Ark., for purpose of examining applicants for commission in Medical Department. (Oct. 14.)

Col. W. P. Chamerlain, detailed a member of bd. of officers to meet Wash., D. C., to determine the cause of classification of officers placed in Class B. (Oct. 14.)

Dental Corps

The following of DC report on date.

of officers placed in Class B. (Oct. 14.)

Dental Corps

The following of DC, report on date indicated after name to comdg. officer, Gen. Dispensary, USA, Wash., D. C., for duty in addition to other duties:

Maj. O. P. Snyder, Jan. 27, Maj. L. H. Tingay, Jan. 3. (Oct. 11.)

Veterinary Corps

Maj. J. D. Derrick, from duty at Ft. D. A. Russell, Tex., proceed to S. F., Calif., sail Feb. 4 for Philippine Dept., for duty. (Oct. 13.)

Maj. C. W. Greenlee, to duty at Ft. D. A. Russell, Tex., on completing pres. tour of foreign service. (Oct. 13.)

CORPS OF ENGINEERS

Maj. Gen. Lytle a.To Da MHM HM HH MAJ. GEN. Lytle a.To Da MHM HM HH MAJ. GEN. LYTLE BROWN, C of E 1st Lt. C. R. Bathurst, in addition to other duties detailed with OR, 8th C. A., assigned to 313th Engr. Combat Reg. (Oct. 11.)

Maj. P. C. Bullard, from detail with

Maj. P. C. Bullard, from detail with OR, 7th C. A., from duty with 445th Engr. Bn. (Oct. 11.)

Maj. F. W. Herman is detailed for duty with OR, 5th C. A., assigned to duty with 325th Engr. Cobat Reg., in addition to other duties. (Oct. 13.)

SIGNAL CORPS

MAJ. GEN. G. S. BIBBS, C of SC Capt. W. V. Parker, detailed for duty with OR, 3rd C. A., in addition to other duties. (Oct. 13.)

INFANTRY

MAJ. GEN. STEPHEN O. FUQUA, C of Inf. 1st Lt. A. J. Schriver, from duty at

MAJ. GEN. STEPHEN O. FUQUA, C of Inf.
1st Lt. A. J. Schriver, from duty at
ft. Niagara, N. Y., assigned to 65th Inf.,
proceed to N. Y. C., sail Dec. 2 for Porto
Rico. (Oct. 10.)
1st Lt. R. E. Round, from duty with
1st Tank Reg., Ft. G. G. Meade, Md.,
proceed to N. Y. C., sail Jan. 13 for
Philippine Dept., for duty. (Oct. 10.)
2nd Lt. W. R. Currie, from duty at
Presidio of S. F., Calif., sail Feb. 5 for
Hawaiian Dept., for duty. (Oct. 10.)
Maj. B. S. Stocker, from treatment at
Army and Navy Gen. Hosp., Hot Springs
National Park, Ark., rejoin proper station, Ft. Sam Houston, Tex. (Oct. 10.)
Capt. F. S. B. Cauthorn, from duty at
3cth Inf., Presidio of S. F., Calif., as-Capt. F. S. B. Cauthorn, from duty at 30th Inf., Presidio of S. F., Calif., assigned to duty at Ft. McDowell, for duty. (Oct. 10.)

Lt. Col. W. O. Boswell, Inf., upon his application retired from service, Nov. 30, after more than 31 years' service. (Oct. 10.)

The following second lieutenants of Infantry, on completion of pres. tour of foreign service, proceed to station indicated after name, for duty:

L. G. Causey, Ft. Screven, Ga.; E. A.

Status of Promotion in Service

NAVY PROMOTION STATUS

NAVY PROMOTION STATUS
Oct. 17, 1930
Rear Adm. G. T. Pettengill, Capt. H.
Delano, Comdr. S. B. Macfarlane, Lt.
Comdr. C. C. Miller, Lt. R. W. Ruble,
Lt. (jg) E. O. Davis.
Medical Corps
Rear Adm. A. Farenholt, Capt. Frank
X. Koltes, Comdr. G. W. Calver, Lt. Comdr.
J. B. Logue, Lt. H. O. Cozby, jr.
Dental Carnes

Dental Corps
Comdr. E. E. Harris, Lt. Comdr. R. H. Fladeland, Lt. W. H. Burns.

Supply Corps

Rear Adm. T. H. Hicks, Capt. F. E. McMillen, Comdr. F. C. Bowerfield, Lt.
Comdr. J. D. Boyle, Lt. E. T. Stewart,
jr., Lt. (jg) Murray W. Clarke.

Chaplain Corps

Capt. E. A. Duff, Comdr. T. L. Kirkpatrick, Lt. Comdr. J. M. Hester, Lt.
R. B. Drinan, Lt. (jg) Act. Cnap. John
W. Tunner.

Construction Corps
Rear Adm. G. H. Rock, Capt. L. S. Border, Comdr. F. G. Crisp, Lt. Comdr. T. P. Wynkoop, Lt. E. E. Spring.
Civil Engineer Corps
Rear Adm. F. T. Chambers, Capt. C. D. Thurber, Comdr. G. Church, Lt. Comdr. H. S. Bear, Lt. B. F. Fink.

USMC PROMOTION STATUS

Oct. 17 1930

Last Commissioned Will make number in grade indicated on next vacancy.

Colonel C. E. Williams

C. F. Williams R. B. Sullivan Lieutenant Colonel B. Puryear, jr. (QM) M. E. Shearer

Major S. A. Woods, jr. H. S. Fassett Captain

M. J. Gould G. W. Rowan
First Lieutenant
R. E. Hogaboom F. H. Brink

NATIONAL GUARD

WASHINGTON

Leave of absence for eight days, effective from Oct. 5, 1930, is granted Capt. Kenneth C. Downing, 161st Inf., with permission to leave the State.

Leave of absence for two months, effective Oct. 5, 1930, is granted 2nd Lt. Harold R. Pierson, Battery F. 146th FA, with permission to leave the State. Upon his own request, 2nd Lt. Albert A. Browne, Battery A, 146th FA, is transferred to the NGR (unassigned), effective Oct. 4. 1930.

A. Browne, Battery A. 14th FA, is transferred to the NGR (unassigned), effective Oct. 4, 1930.

Upon the recommendation of the commanding officers concerned, Sgt. Henry T. Gilmore is transferred as private from Battery F, 146th FA, to 161st Motor Transport Company.

Upon the recommendation of the commanding officer, the following appointment is made in the 161st Motor Transport Company:
To be corporal, Priv. Henry T. Gilmore.

Upon the recommendation of the comdg. officer the following appointment is made in the 116th Photo Section, 41st Div. Aviation:
To be sergeant, Pvt. 1st C. J. G. James.

Gans, Ft. Benning, Ga.; E. L. Munson, Ft. Benning, Ga.; R. S. Nourse, Ft. Benning, Ga. (Oct. 10.)

2nd Lt. J. W. Gaddis, assigned to 2nd Inf., Ft. Sheridan, Ill., on completion of pres. tour of foreign service. (Oct. 10.)

Col. F. B. Shaw, from duty with 2nd Inf., Ft. Wayne, Mich., Nov. 10, detailed as instr., 149th Inf., Ky. NG, Louisville, Ky.; proceed to Louisville, Ky., take station for duty. (Oct. 10.)

Maj. W. H. Haislip, from duty with 320th Inf., Wash., D. C., from detail with OR, 3rd CA, Oct. 11. (Oct. 11.)

The following of Inf., assigned to reg., and station indicated after name, on completion of pres. tour of foreign service: Capt. H. I. Casedy, Ft. Eustis, Va., 34th Inf.; Capt. B. A. Shipp, Ft. Screven, Ga.:; 1st Lt. C. H. Calais, 10th Inf., Ft. Thomas, Ky. (Oct. 11.)

COAST ARTILLERY CORPS

MAJ. GEN. J. W. GULICK, C. of CA 1st Lt. A. D. Amoroso, from detail as instr., NG, from duty at Providence, R. I., proceed to N. Y. C., sail Feb. 17, for Hawaiian Dept. (Oct. 11.)

CAVALRY

MAJ. GEN. G. V. HENRY, C. of Cav. Capt. Charles Wharton, from duty as instr., NG. Phila., Pa., assigned to 3rd Cav., proceed to Ft. Ethan Allen, Vt., join regiment to which assigned. (Oct. 14.) 1st Lt. H. M. Alexander, from duty with 2nd Armored Car Squadron, Holabird qm. depot, Baltimore, Md., assigned

with 2nd Armored Car Squadron, Holabird qm. depot, Baltimore, Md., assigned to 2nd Cav., Ft. Riley, Kans., proceed there for duty. (Oct. 14.)
2nd Lt. F. H. Lynch, from duty with 12th Inf., Ft. Wash., Md., assigned to 22nd Inf., Ft. McPherson, Ga., proceed there for duty. (Oct. 11.)
The following of Inf., proceed to N. Y. C., sail Dec. 2, for Panama Canal Dept., for duty:

Capt. W. R. Felming, Capt. G. B. Norris, 1st Lt. W. J. Yancey, 1st Lt. J. A.

ARMY PROMOTION STATUS Promotions and vacancies on the Promotion List (Cumulative) since Oct. 10,

Last promotion to the grade of Col.— Laurin L. Lawson, FA, No. 19, Page 159, July 1930, A. L. & D. Vacancies—None: Senior Lt. Col.—Morris E. Locke, FA.

Last promotion to the grade of Lt. Col.

- Royal K. Greene, CAC, No. 599, Page
161. Vacancies—None. Senior Maj.—
Howard K. Loughry, CAC.

Last promotion to the grade of Maj.— Marcus A. S. Ming, FA, No. 2329, Page 167. Vacancies—None. Senior Capt.— Walter R. Graham, Inf.

Last promotion to the grade of Capt.— Oscar G. Fegan, QMC, No. 5730, Page 179. Vacancies—None. Senior 1st Lt.— William A. Hayward, AC.

Last promotion to the grade of 1st Lt.—Ronald M. Shaw, Cav., No. 8475, Page 189. Vacancies—None. Senior 2nd Lt.—C. Stanton Babcock, Cav.

No vacancies in grade of 2nd Lt.

CORPS AREA

SECOND CORPS AREA Governors Island, N. Y. MAJ. GEN. HANSON E. ELY Col. W. K. Naylor, Ch. of Staff Leaves

Two months, Oct. 6, to Capt. N. B. Simms, QMC.

Eight days, Oct. 31, to Capt. J. L. Bal-

lerd, Inf.

Lt. Col. R. T. Ward, CE, will proceed Oct. 14, from New York, N. Y., to Newark, N. J., on temp. duty for the purpose of making an inspection of units of 373rd and 515th Engr., OR, on completion of this duty will return to proper station.

Capt. C. W. Burlin, CE, proceed Oct. 21, from Buffalo, N. Y., to Rochester, N. Y., Syracuse, N. Y., and Schenectady, N. Y., in order named, on temp. duty for purpose of conducting Engr. Special Schools for OR, on completion of this duty return to proper station, Buffalo, N. Y.

N. Y.

Capt. J. E. Morrisette, detailed in addition to his other duties as instructor in the Judge Advocate General Branch Extension School, vice Maj. H. A. Auer,

JAGD.

Lt. Col. Charles H. Bauer. Spec-Res., is ordered to active duty, Oct. 12; he will proceed to Governors Island, N. Y., and report for duty.

A board of officers is appointed to meet at the Army Bld., New York, N. Y., at the call of the President thereof, for purpose of investigating and reporting upon such cases as may be referred to it by this hq. Detail for the Board: Col. L. E. Bobbe, Engr.-Res., Lt. Col. F. P. Townley, Eng.-Res., Maj. E. J. Langford, Engr.-Res., Capt. C. A. Latimore, Engr.-Res.

Murphey. (Oct. 11.)
1st Lt. L. F. Wells, from duty at Ft.
Williams, Me., proceed to Army Base,
Boston, Mass., for duty. (Oct. 11.)

Capt. J. M. Groves, from assignment to station at Ft. Moultrie, S. C., assigned to station at Ft. Screven, Ga. (Oct. 11.)

Capt. W. H. MCKee, from duty at No-gales, Ariz., proceed to S. F., Calif., and sail Dec. 13 for Panama Canal Dept., for duty. (Oct. 11.)

Capt. J. L. Dikes, from detail as instr., Tex. NG, San Antonio, Tex., assigned to Infantry, 2nd Div., proceed to Ft. F. E. Warren, Wyo., for assignment and duty. (Oct. 11.)

Maj. M. S. Murray, from duty in con-nection with OR affairs at hq., 6th CA, Chicago, Ill., report comdg. gen. 6th CA, for assignment to duty at his hq. (Oct.

Col. J. H. Neff, Ft. Francis E. Warren, Wyo., proceed to home and await re-tirement, Oct. 31. (Oct. 13.)

Capt. H. T. Kent, from present assignment, to 12th Inf., from duty at Ft. Howard, Md., proceed to Ft. Eustis, Va., for duty. (Oct. 13.)

2nd Lt. J. F. Farra, from duty at Ft. Hayes, Ohio, proceed to N. Y. C., sail Feb. 17 for Hawaiian Dept., for duty. (Oct. 14.)

AIR CORPS

(Oct. 14.)

AIR CORPS

MAJ. GEN. J. B. FECHET, C. of AC
1st Lt. W. G. Bryte, from duty at
Brooks Fld., Tex., proceed to S. F.,
Calif., sail Feb. 4 for Philippine Dept.,
for duty. (Oct. 10.)
The following 2nd Lts. of AC, from
duty at Kelly Fld., Tex., proceed to S. F.,
Calif., sail Feb. 5 for Hawaiian Dept., for
duty:

Calif., sail Feb. o 10. La. L. Choate, F. R. duty:
W. C. Bentley, R. E. L. Choate, F. R. Dent, Rudolph Fink, J. C. Horton, W. E. Karnes, George McCoy, T. B. McDonald, J. L. Majors, Howard Moore, P. H. Robey, J. W. Stribling, C. G. Williamson, D. Z. Zimmerman. (Oct. 10.)
2nd Lt. E. A. Dodson, from duty at Kelly Fld., Tex., proceed to S. F., Calif., (Please turn to Next Page)

NAVY ORDERS

Rear Adm. W. T. Cluverius, det. duty as Comdr., Battleship Div. 2, Sctg. Fit., about Nov. 3; to duty as Chief of Staff,

Lt. F. T. Applegate, to temp. duty Rec. Sta., Hampton Rds., Va. Lt. J. R. Barbaro, det. National Board

of Elections, Nicaragua; to USS Marble-head. Uncompleted portion ors. May 23,

revoked.

Lt. A. J. Detzer, Jr., det. aide on staff,
Battleship Div. 2, Setg. Flt.; to USS
Pennsylvania.

Lt. F. B. Kohrs, det. 3rd Nav. Dist.
about Oct. 1; to USS Milwaukee.

Lt. G. D. Lyon, det. USS Aaron Ward;
to USS Wasmuth.

Lt. (ip) J. F. Shomira, ir., det. USS Lt. (jg) J. E. Shomire, jr., det. USS edusa; to Navy Yard, Pearl Harbor,

T. H. Ens. H. J. Carpenter, det. USS Wasmuth; to USS Aaron Ward.
Ens. John Quinn, det. Nav. Air Sta.,
Pensacola, Fla., about Oct. 6; to USS

Chandler. Lt. (jg) Harold Simons (MC), det. Naval Academy about Oct. 11; to USS

Pensacola, Fla., about Oct. 6; to USS Chandler.

Lt. (jg) Harold Simons (MC), det. Naval Academy about Oct. 11; to USS Arizona.

Lt. E. H. Gale (SC), det. USS Canopus; to USS Pittsburgh.

Lt. Comdr. R. C. Sanders (SC), ors. July 8, 1930, issued by Bu. Nav., modified. To USS Canopus.

Ch. Bosn. P. H. Scribante, det. USS Chaumont; to Navy Yard, New York, N.Y. Bosn. M. C. McHenry, det. USS Vireo about Oct. 27; to USS Chaumont.

Ch. Pay Clk. H. L. Greenough, det. 16th Nav. Dist.; to U. S. (Asiatic ors).

Oct. 10, 1930

Rear Adm. Luke McNamee, det. Dir. Div. of Flt. Trng., Navy Dept.; to command Battleship Div. 4, Battle Flt. Comdr. A. S. Hickey, det. National Board of Elections, Nicaragua; to Office of Naval Intelligence, Navy Dept. Lt. Comdr. T. V. Cooper, det. USS Utah; to USS Chicago.

Lt. W. L. Travis, det. USS Sapelo about Oct. 6; to USS Allegheny as CO. Lt. (ja) J. A. Farrell, Jr., det. Nav. Air Sta., Pensacola, Fla., about Oct. 4; to USS J. Fred Talbott.

Lt. Comdr. C. G. Holland (SC), det. USS Florida; to settle accts.

Lt. O. F. Byrd (SC), det. USS Florida; to 4th Nav. Dist., to settle acctus.

Lt. H. E. Stengele (SC), det. Nav. Hosp., Norfolk, Va., about Dec. 1; to USS Milwaukee.

Oct. 11, 1930

Rear Adm. H. H. Christy, det. command Battleship Div. 4, B. Flt.; to command Training Sqd., hoisting flag on board the USS Wyoming.

Capt. A. W. Johnson, det. Pres., National Board of Elections, Nicaragua; to command USS Pennsylvania.

Lt. Comdr. B. H. Bieri, det. USS Texas; to Bu. Nav.

Lt. Comdr. B. H. Bieri, det. USS Texas; to Bu. Nav.

Lt. Comdr. B. H. Bieri, det. USS Texas; to Bu. Nav.

Lt. Comdr. B. A. Bood, det. Bu. Nav.; to duty as aide and flag sec'y. on staff, Light Cruiser Divs., Sctg. Flt.; to duty as aide and flag sec'y. on staff, Light Cruiser Divs., Sctg. Flt.; to duty as aide and flag sec'y. on staff, Light Cruiser Divs., Sctg. Flt.; to duty as aide and flag sec'y. on staff, Light Cruiser Divs., Sctg. Flt.; to duty as aide and flag sec'y. on staff, Light Cruiser Divs., Sctg. Flt. aide and flag sec'

emy.

Lt. Clyde Morrison, ors. July 25 further modified. To 14th Nav. Dist. for temp. duty until arrival USS Tanager at Pearl Harbor, T. H., thence carry out remainder ors.

at Pearl Harbor, T. H., thence carry out remainder ors.
Lt. J. J. Pierrepont, det. aide on staff, Light Cruiser Divs., Sctg. Glt.; to aide on staff, Light Cruiser Div. 3, Sctg. Flt.
Lt. W. S. K. Trapnell, det. USS Utah about Oct. 20; to USS Arizona.
Lt. (fg) J. A. Glick, det. USS Humphreys about Oct. 11; to temp. duty Div. of Flt. Trng., Navy Dept.
Lt. L. W. Crane (SC), det. Navy Yard, Norfolk, Va., about Oct. 15; to duty as Off. in Chg., Fuel Oil Sta., Yorktown, Va., about Oct. 20; to Navy Yard, Norfolk, Fuel Oil Sta., Yorktown, Va., about Oct. 20; to Navy Yard, Norfolk, Va., about Oct. 20; to Navy Yard, Norfolk, Va.

Va.
Lt. (jg) T. W. Baker (SC), det. Navy
Yard, Norfolk, Va.; to such duty as may
be assigned Navy Yard, Norfolk, Va.
Bosn. J. E. Batchelor, to duty USS

Bosn. J. E. Brant.
Ch. Pay Clk. C. E. Stuby, det. USS
Aroostook; to Commissary Store, Nav.
Oper. Base, San Diego, Calif.
Oct. 13, 1930

Oct. 13, 1930
Lt. Delwyn Hyatt, det. National Board of Elections, Nicaragua; to USS Mississippi. Uncompleted portion ors. May 23 to USS Idaho, revoked.
Ens. W. S. Pye, Jr., desp. ors. Sept. 9 modified. To VS Sqd. 7S, Air. Sqds., Setg. Flt.

modified. To VS Sqd. 7S, Air. Sqda, Sctg. Flt.
Lt. Comdr. H. L. Brown (MC), to add'l.
duty Marine Rctg. Sta., Buffalo, N. Y.
Ens. T. L. Becknell, Jr. (SC), det.
Naval Supply Depot, Nav. Oper. Base,
Hampton Rds., Norfolk, Va., about Oct.
25; to USS Arkansas.

(Please turn to Next Page)

ARMY ORDERS

(Continued from Preceding Page)

sail Feb. 5 for Hawaiian Dept., for duty. (Oct. 11.) 1st Lt. L. M. Wolfe, from duty at

(Oct. 11.)

1st Lt. L. M. Wolfe, from duty at Wright Fld., Dayton, Ohio, proceed to N. Y. C., sail Jan. 13 for Philippine Dept., for duty. (Oct. 11.)

1st Lt. O. A. Anderson, assigned to duty at AC Training Center, Duncan Fld., San Antonio, Tex., on completion of prestour of foreign service. (Oct. 11.)

LEAVES

San Antonio, Tex., on completion of prestour of foreign service. (Oct. 11.)

LEAVES

Ten days, Oct. 11, to Brig. Gen. Stanley H. Ford, USA. (Oct. 11.)

Extension, one month, to Capt. P. G. Balcar, JAGD. (Oct. 11.)

One month, 15 days, Oct. 20, to 2nd Lt. R. A. Nadal, Inf. (Oct. 11.)

Two months, on arrival to U. S., to Capt. F. F. Fulton, FD. (Oct. 11.)

Two months, Dec. 22, to 1st Lt. C. H. Calais, Inf. (Oct. 11.)

Two days, Oct. 13, to Maj. R. E. Lee, GSC. (Oct. 11.)

Three months, Nov. 12, to Col. M. G. Spinks, GSC. (Oct. 11.)

Two months, Oct. 15, to Lt. Col. Emmett Addis, Cav. (Oct. 11.)

Two months, Oct. 14, to Maj. F. R. McLean, Inf. (Oct. 11.)

Two months, 15 days, Dec. 22, to Capt. H. I. Cassedy, Inf. (Oct. 11.)

Three months, 11 days, on arrival U. S.. to Capt. L. E. Bowman, QMC. (Oct. 11.)

Extension, 15 days, to Capt. J. H.

S.. to Capt. L. E. Bowman, QMC. (Oct. 11.)

Extension, 15 days, to Capt. J. H. Dawson, MAC. (Oct. 11.)

Two months, 24 days, Dec. 12, to Capt. L. R. P. Reese, AC. (Oct. 11.)

Ten days, Oct. 12 to 1st Lt. C. E. Crumrine, AC. (Oct. 11.)

Ten days, Oct. 16, to Maj. Gen. G. S. Gibbs, Ch. Sig. Officer. (Oct. 14.)

One month, 9 days, Oct. 15, to Col. F. W. Rowell, Inf. (Oct. 14.)

Two months, 22 days, Nov. 9, to Capt. J. E. Cole, Inf. (Oct. 14.)

Four months, Oct. 31, to Capt. Enrique Carcia, QMC. (Oct. 14.)

Eleven days, Oct. 21, to Maj. B. Y. Read, AGD. (Oct. 14.)

Twenty-three days, Nov. 3, to Capt. W. F. Mullins, Inf. (Oct. 14.)

Two months, Nov. 1, to Capt. Gustave Villaret. Inf. (Oct. 14.)

PROMOTIONS

PROMOTIONS
The promotion of 2nd Lt. C. S. Greer, VC, to grade of 1st Lt., Oct. 10, announced. (Oct. 13.)
The promotion of Capt. T. R. McCarley, MC, to grade of Maj., Oct. 12, announced. (Oct. 13.)

Oct. 13.)
ORDERS TO RETIRED OFFICERS
Capt. R. W. Norton, from duty at Ky.
Military Institute, Lyndon, Ky., detailed
at Kansas City high schools, proceed to
Kans. City., Mo., for duty. (Oct. 14.)
WARRANT OFFICERS
W. O. Gregory Belcher to duty with

Kans. City., Mo., for duty. (Oct. 14.)

WARRANT OFFICERS

W. O. Gregory, Belcher, to duty with
18th Inf. Brig., Army base, Boston, Mass.,
on completion of pres. tour of foreign
service. (Oct. 11.)

W. O. Elisco Dominguez, having been
found by Army ret. bd. incapacitated for
active service on account of jhysical disability incident thereto, his retirement
from active service, announced, Oct. 31.
(Oct. 13.)

RETIREMENT OF ENLISTED MEN
1st Sgt. J. E. Schell, Bombardment
Squadron, placed on ret. list at France
Fld., C. Z., Oct. 31, sent to home. (Oct. 14.)
LATE WAR DEPARTMENT ORDERS
S. O. No. 241, W. D., Oct. 15, 1930
The following orders were received too
late for classification:

General Staff Corps

The following orders where received that for classification:

General Staff Corps

Col. J. P. Tracy, on arrival S. F., Calif., from Philippine Islands, proceed by rail to Washington, D. C., for duty as asst. cmdt. of Army War College.

Corps of Engineers

1st Lt. H. E. Fisher, from duty with 6th Engr., Ft. Lawton, Wash., detailed as instr., 116th Engr., Idaho HG, station at Boise, Idaho, for duty.

2nd Lt. G. T. Derby, from duty at Ft. Du Pont, Del., proceed to N. Y. C., sail Dec. 2 for Panama Canal Dept., for duty.

Cavairy

Dec. 2 for Panama Canal Dept., for duty.

Capt. A. J. deLorimier, from duty with
7th Cav., Ft. Bliss, Tex., detailed for duty
with OR, 7th C. A., assigned to duty with
hq., 102nd Div., proceed to St. Louis, Mo.,
take station report by letter comdg. Gen.
7th C. A., for instr.

Coast Artillery Corps
2nd Lt. R. T. Frederick, from duty at
Ft. Barrancas, Fla., proceed to N. Y. C.,
sail Jan. 8 for Panama Canal Dept., for
duty.

1st Lt. F. L. Henderick

duty.

1st Lt. F. L. Hayden, assigned to 62nd CA, Ft. Totten, N. Y., on completion of pres. tour of foreign service.

Maj. A. H. Warren, detailed to duty with OR, 5th C. A., assigned to Anti-aircraft Artillery group, Ft. Hayes, Columbus, O., on completion of pres. tour of foreign service.

on completion of pres. tour of foreign service.

Field Artillery

1st Lt. E. A. Niblack, from duty with 5th FA, Ft. Bragg, N. C., assigned to duty with FA, Mechanized Force, Ft. Eustis, Va., proceed to Washington, D. C., report Ch. of FA, for temp. duty for a period not to exceed five days, on completion of this temp. duty, proceed to station assigned for duty.

Infantry

Order relating to 2nd Lt. R. A. Nadal, amended to read: He will sail Oct. 23 for Porto Rico, for duty.

Maj. R. E. McLain, report Army ret. bd., at hq., 9th C. A., Presidio of S. F., Calif, for exam.

Leaves

Extension, 24 days, to 1st Lt. W. H.

Brookley, Ac. Fifteen days, Oct. 16, to Maj. G. B.

Wetca, OD.
One month, 15 days, Oct. 15, to 2nd Lt.
T. L. Bryan, jr., AC.
One month, 15 days, Oct. 15, to 2nd Lt.
R. J. Browne, AC.

W. O. J. F. Luce, having been found by Army ret. bd. incapacitated for active service on account of physical disability incident thereto his retirement from active service, announced, Oct. 31. S. O. 242, W. D., Oct. 16, 1930

The following orders were received too ate for classification:

General Officers

Brig. Gen. W. H. Tschappat, asst. to
h. of Ordnance, from additional duty
representative on technical committee
or W. D.

Corps of Engineers
Capt. W. H. Crosson, detailed as member of bd. of officers to meet providing for the study and investigation of the battlefields in the U. S. for commemorative

Ordnance Department
Capt. J. A. B. Gibson, proceed to Army
and Navy General Hospital, Hot Springs
National Park, Ark., report that hospital for treatment.

Cavalry
Maj. W. E. Shipp, from duty as asst.
military attache, Rome, Italy, Dec. 14,
assigned to 13th Cav., return to U. S. proceed to Ft. Riley, Kans., to regiment to
which assigned. which assigned.

which assigned.

2nd Lt. F. D. Merrill, from assignment
to 3rd Cav., from duty at Ft. Ethan Allen,
Vt., assigned to Troop A, 2nd Armored
Sqdn., Ft. Eustis, Va., for duty.

Infantry
Col. A. M. Shipp, from duty with 25th
Inf., Noales, Ariz., Feb. 1, proceed to Ft.

Inf., Noales, Ariz., Feb Lewis, Wash., for duty.

Col. Allen Smith, from further detail with OR, 2nd CA, Jan. 5, proceed to Baltimore, Md., report hq. 3rd CA, for assignment to duty.

Col. R. S. Knox, from duty in connection with citizens' military training camp affairs, hq., 3rd CA, Baltimore, Md., assigned to 25th Inf., Nogales, Ariz., for

Nine days, Oct. 19, to Lt. Col. E. M. Shinkle, OD. Extension, one month, 8 days, to 2nd Lt. J. W. McCoy, AC.

Warrant Offivers
W. O. Charles A. Stone, from active service retured to take effect Oct. 31, after more than 30 years' service.
W. O. Thomas A. Clavering, from active service retired to take effect Oct. 31, after more than 30 years' service.

more than 30 years 'service.

W. O. John M. Inman, having been found by Army ret. bd. incapacitated for active service on account of physical disability, his retirement from active service expressed.

netirement of Enlisted Man
Master St. G. J. Woods, detached enlisted men's list, placed on ret. list at
State Armory, Portland, Me., Oct. 31, sent

A board consisting of the following medical officers is appointed to meet at Ft. Lawton, Wash., for the purpose of examining applicants for commission in Medical Dept., Regular Army:

Maj. R. S. Loving, MC, Maj. C. P. Price, MC.

Dedicate New Armory

THE new Naval Armory just completed at Detroit, Mich., was recently dedicated with appropriate ceremonies. The structure, which is rated as one of the finest and most modern of its kind in this country, is valued at a total of \$1,350,000 for land and buildings. This expense was and buildings. This expense was shared jointly by the State of Michi-gan and the city of Detroit.

The dedicatory exercises included day and evening concerts by the Navy Band under the leadership of Lt. Benter. It it estimated that 6,000 school children were present at the day con-cert and a similar number of adults at the evening concert. The evening program was featured by dancing, the

program was featured by dancing, the music being furnished by the orchestra of the Navy Band.

Rear Adm. Walter S. Crosley, USN, Commandant of the 9th Naval District and Capt. David W. Bagley, USN, Chief of Staff, attended the evening exercises. The former delivered an address, in which he spoke of the value of the armory to the Navy in general and the Naval Reserve in particular, and of the untiring efforts for many years of Lt. Comdr. Richard T. Brodhead, USNR, which had made its realization possible. The exercises were attended by many men prominent in the political professional and nent in the political, professional and business life of the State of Michigan and city of Detroit, including the Ad-jutant General of Michigan and the Mayor of Detroit, the two latter also making brief addresses.

NAVY ORDERS

(Continued from Preceding Page)

Rear Adm. F. H. Clark, det. General Board, Navy Dept., about Oct. 18; to duty as Dir., Div. of Flt. Trng., Navy Dept.

Lt. Comdr S. A. Manahan, det. command USS Humphreys; to Bu. Eng.
Lt. Comdr. T. M. Waldschmidt, det. USS Overton about Oct. 12; to Army Industrial College, War Dept.

Lt. Lewis Corman, det. National Board of Elections, Nicaragua; to Navy Yard,

of Elections, Nicaragua; to Navy Yard, Norfolk, Va.

Lt. (jg) R. B. Alderman, det. Nat'l Bd. of Elections, Nicaragua; to USS Gilmer.

Lt. (jg) C. T. Caufield, det. Nat'l Bd. of Elections, Nicaragua; to USS Alden.

Lt. (jg) H. B. Edgar, det. Nat'l Bd. of Elections, Nicaragua; to USS Bridge.

Lt. (jg) H. L. High, det. Nat'l Bd. of Elections, Nicaragua; to USS Hovey.

Lt. (jg) M. H. McCoy, det. Nat'l Bd. of Elections, Nicaragua; to USS Elliott.

Ens. R. R. Ballinger, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla.

Ens. G. F. Duvall, det. Nat'l Bd. of Elections, Nicaragua; to USS Sacramento.

Ens. S. B. Frankel, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla.

Ens. E. A. Junghaus, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla.

Ens. R. D. McGinnis, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla.

Ens. R. D. McGinnis, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla.

Ens. R. D. McGinnis, det. Nat'l Bd. of Elections, Nicaragua; to temp. duty Nav. Air Sta., Pensacola, Fla. So much ors. May 23 to return USS New Mexico approved.

Ens. R. H. Wilkinson, det. Nat'l Bd. of

proved.

Ens. R. H. Wilkinson, det. Nat'l Bd. of
Elections, Nicaragua; to USS Lexington.

Lt. (jg) Albert Ickstadt, jr., (MC), det.
USS Saratoga; to Nav. Hosp., Puget
Sound, Wash.

USS Saratoga; to Nav. Hosp., ruger Sound, Wash.

Lt. Comdr. E. F. Barker (SC), det. Navy Yard, New York, N. Y., about Nov. 25; to USS Dobbin.

Lt. J. G. Hagstrom (SC), det. Navy Yard, Puget Sound, Wash., about Nov. 1; to Nav. Air Sta., Pearl Harbor, T. H.

Lt. P. J. Hutchison (SC), det. Nav. Air Sta., Pearl Harbor, T. H.; to continue duty as supply officer, Nav. Air Sta., Pearl Harbor, T. H.

Lt. A. A. Lee (SC), det. Rec. Sta., San Francisco; to Bu. S. & A.

Lt. J. M. Lieber (SC), det. Subm. Base, New London, Conn., about Nov. 20; to Office of Dist. Commun. Off., San Juan, P. R.

P. R.
Ens. C. O. Hamrick (SC), det. Subm.
Base, Pearl Harbor, T. H., about Dec. 31;
to Asiatic Flt.
Lt. (jg) J. W. Turner (CHC), det. Nav.
Trng. Sta., Hampton Rds., Va., about Nov.
5; to USS Memphis.
Ch. Bosn. Oscar Eng, ors. Aug. 21, to
USS Saratoga, revoked.
Ch. Bosn. W. W. Hedges, det. USS
Brant, about Oct. 20; to command USS
Undaunted.

Undaunted.
Ch. Bosn. J. C. Legg, det. commond USS
Undaunted; to USS Chicago.
Elect. E. L. Knaus, det. USS Florida;
to USS Dobbin.

Ch. Clk. Robert Nelson, det. Rec. Sta., San Francisco, about Nov. 15; to Subm. Base, Pearl Harbor, T. H. Ch. Pay Clk. B. K. Parker, det. 13th Nav. Dist. about Nov. 24; to USS Sara-

toga. Ch. Pay Clk. G. F. Wenzler, det. USS Lexington, about Jan. 13; to 13th Nav.

October 15, 1930 Lt. Cmdr. C. T. S. Gladden, det. Nat'l Bd. of Elections of Nicaragua; to USS Saratoga. Lt. Comdr. K. E. Hintze, det. command

Lt. Comdr. K. E. Hintze, det. command USS Wing; to command USS Waters.
Lt. Comdr. J. C. Jones, jr., det. Bu. Ord., Navy Dept.; to aide and flag lt. on staff Condr. Battleship Div. 4, Battle Flt. Lt. Comdr. J. D. Jones, granted sick leave two months.
Lt. Comdr. Conrad Ridgley, det. command USS waters about Nov. 10; to 13th Nav. Dist

Lt. Comdr. Conrad Ridgies, act. command USS Waters about Nov. 10; to 13th Nav. Dist.

Lt. A. J. Detzer, jr., det. aide on staff Comdr. Battleship Div. 2, Setg. Fit.; to aide on staff Comdr. Training Squadron.

Lt. R. P. Erdman, det. Nat'l Bd. of Elections of Nicaragua; to USS Texas.

Lt. (jg) P. M. Lion, jr., det. USS Wyoming about Oct. 18; to communication duty with Setg. Fit.

Ens. J. W. Davidson, det. USS New York; to temp duty instruction at Nav. Air Sta., Pensacola, Fla.

Ens. H. T. Jarrell, det. Nat'l Bd. of Elections of Nicaragua; to Asiatic Station.

Ens. E. J. O'Donnell, det. Nat'l Bd. of Elections of Nicaragua; to Asiatic Sta.

Lt. Comdr. W. W. Davies (MC), det. Aircraft Sqds., Sctg., Flt.; to Nav. Air Sta., Lakehurst, N. J.

Lt. Comdr. N. J. Haverly (MC), det. Nav. Trng. Sta., Newport, R. I.; to USS Wright.

Lt. Comdr. P. S. Sullivan (MC), to duty

Nav. Trng. Sta., Newport, R. I.; to USS Wright.
Lt. Comdr. P. S. Sullivan (MC), to duty Nav. Hosp., New York, N. Y.
Lt. (jg) G. A. Gray (MC), det. USS Florida on Nov. 15; to Div. 42, Dest. Sads., Sctg. Flt.
Lt. (jg) H. G. Shepler (MC), det. Nav. Hosp., Boston, Mass, on Nov. 1; to Nav. Trng. Sta., Newport, R. I.
Lt. Comdr. H. R. Alexander (DC), det. Navy Yard, Philadelphia, Pa., about Oct. 27; to USS Whitney.
Lt. Comdr. S. E. Dickinson (SC), ors. Sept. 29 revoked; det. Nav. Air Sta., Lakehurst, N. J., about Jan. 5; to Asiatic Station.

Station. Lt. Comdr. Gaillard Rembert (SC), det.

USS Debbin about Dec. 15; to Navy Yard, New York, N. Y.

Lt. (jg) W. F. Cuthriell (CHC), to duty lav. Trng. Sta., Nav. Oper. Base, Hamp-on Roads, Va.

ton Roads, Va.

Lt. (jg) V. J. Gorski (CHC), to duty
Marine Barracks, Quantico, Va.

Lt. (jg) M. A. Hally (CHC), to duty
Nav. Trg. Sta., Nav., Oper. Base, Hampton Roads, Va.

Lt. (jg) J. F. Hugues (CHC), to duty
Nav. Trg. Sta., Newport, R. I.

Ch. Mach. F. A. Mack, to duty USS
Sciota.

Ch. Mach. J. E. Sullivan, relieved all

Ch. Mach. J. E. Sullivan, relieve all active duty; to home.

Ch. Gunner J. C. Waldau, det. USS amden; to USS Chewink, about Oct. 17. Ch. Pay Clk. R. H. Shores, det. USS Saratoga about Dec. 1; to Pacific Coast Torpedo Sta., Keyport, Wash.

Ch. Pay Clk C. F. Stuby, ors. Oct 11 revoked; continue duty USS Aroostook.

Receive Nicaraguan Awards

San Diego, Calif .- Brig. Gen. R. H. Dunlap, USMC, on Oct. 3, presented five Marine Corps officers and a marine gunner with medals of merit from J. M. Concada, president of Nicaragua. The awards were made on the parade ground and preceding a review. The handsome medals were sent here by the southern republic's president in recognition of distinguished service there by the marines.

Gen. Dunlap was the recipient of one of the awards. Two of the officers who were cited by President Moncada were away from the base and were unable to receive their medals at the ceremony. They are Capts. Edward B. Moore and Francis E. Pierce.

Those who were given the medals were Maj. K. E. Rockey, Capt. Charles Lott, 1st Lts. Thomas J. Kilcourse, George W. McHenry and Marvine V. Yandle, and Charles R. Nordstrom, marine gunner.

Sa Di

Pa.; (flag Yard Yard Norf

Di Adm. cola, City,

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ton,

Dupon C.; B Div Crow: Charl

Similar decorations were awarded at North Island by Comdr. R. R. Pauat North Island by Comdr. R. R. Pau-nack, USN, Officers to whom he pre-sented the medals are Maj. Ross E. Rowell, Capt. C. W. Henkle, 1st Lt. S. E. Riderhof and 2nd Lts. S. R. Wil-liamson, P. A. Putnam and R. P. Rut-ledge, all of the aircraft squadrons, West Coast Expeditionary Evers U.S. West Coast Expeditionary Force, U. S. Marine Corps. Lt. V. M. Guymon, who also was to have received a medal, has been ordered here from Nicaragua but has not arrived yet.

Purchase Razor Blades

THE Quartermaster Supply Officer, San Francisco General Depot, ordered a large supply of Marathon razor blades last week, to be distributed to the following activities: 300 to Letterman General Hospital, 500 to Ft. McDowell, 200 to March Field, 1,000 to Presidio of San Francisco, 500 to Presidio of Monterey, 200 to Rockwell Field, 500 to Ft. Winfield

Scott, 800 to Ft. Lewis, Wash., and 100 to Ft. George Wright, Wash.
Gillette blades were also in high demand, 3,222 blades being ordered by the Quartermaster Supply Officer, 8th Corps Area, Ft. Sam Houston, Texas.

Rezor blades and other toilet articles

Razor blades and other toilet articles were ordered by the Quartermaster Depot, St. Louis, Mo., to be distributed to certain Army activities. The following new style Gillette blades were ordered: 500 to Ft. McClellan, 1,200 to Ft. Oglethorpe, 600 to Jeffersonville Quartermaster Depot, 2,400 to Jefferson Barracks, 200 to Ft. Crook, 2,000 to Ft. Leavenworth, 5,000 to Ft. Riley, 500 to Ft. Robinson, 1,200 to Ft. Sill, and 200 to Ft. Reno; 1,200 Gillette style Probak blades were ordered for Ft. Sill and 1,100 Gillette style Shumate blades to Ft. Omaha.

Included in this latter order were tubes Colgate's shaving soap to Scott Field, 72 stocks Colgate's shaving soap to Ft. Robinson; Palmolive shaving soap to the following: 72 tubes to Ft. Crook, 48 tubes to Ft. Reno, and 122 tubes to Ft. Francis E. Warren, 48 tubes Mennen's mentholized shav-ing cream to Ft. Robinson, and 84 tubes Williams' shaving soap to Ft.

Lifebuoy soap was requested for the following: 144 cakes to Ft. Crook, 200 to Ft. Robinson and 100 to Ft. Reno; Palmolive: 1,008 to Jefferson Barracks, 288 to Scott Field, 432 to Ft. Crook, 288 to Ft. Robinson, 144 to Ft. Reno, and 1,440 to Ft. Sill. Scott Field and Ft. Sill also ordered, respectively, 144 and 432 cakes of Woodbury soap.

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U. S. Fleet Directory

Corrected to Oct. 16

Corrected to Oct. 16

Address mail for vesseis in Atlantic "Care of Postmaster, New York City."
Adm. J. V. Chase, Commander in Chief, USS Texas (flagship), San Pedro, to Balboa; due Oct. 24.

Address all man for vessels of Battle Fleet as follows: Battleship Divisions and Aircraft Squadrons, Care of Postmaster, San Pedro, Calif.; Submarine Divisions, and Destroyer Squadrons. Care of Postmaster, San Diego, Calif.

BATTLE FLEET

Adm. F. H. Schofield, commander in thief, California (flagship), San Pedro, Calif.

Battleship Tivasions

Battleship Divisions

Vice Adm. R. H. Leigh, Commander.
Division 3—New York, Nevada, Oklahoma, Sr Pedro, Calif.
Division 4—Mississippi, San Pedro, Callf.; New Mexico, Navy Yard, Bremerton, Wasn.; Idaho, San Pedro, Calif.
Division 5—West Virginia, San Pedro; Colorado, Navy Yard, Brooklyn, N. Y.; Maryland, Tennessee, San Pedro, Calif.

Desiroyer Squadrons

Rear Adm. Thomas J. Senn, Commander.
Rigel, San Diego; Omaha, Pearl Harbor
to San Pedro, Calif.
Squadron 6—Decatur (leader), Melville,
San Diego, Calif.
Division 15—Trever, Zane, San Diego;
Wasmuth, Perry, San Diego, Calif.
Division 10—Wickes, Philip, Claxton,
Buchanan, Aaron Ward, Evans, San Diego,
Calif.
Division 14—Hamilton

Buchanan, Aaron Ward, Evans, San Diego, Calif.

Division 14—Hamilton, Jacob Jones, Badger, Babbitt, Twiggs, San Diego, Calif.; Tattnall, San Diego, Calif.; Division 45—Hulbert, Preble, Wm. B. Preston, San Diego, Calif.; Sicard, Pruitt, Mare Island, Calif.; Noa, San Pedro, Calif. Squadron 10—Litchfield (leader), San Diego, Calif.; Altair (tender), Mare Island, Calif.

Division 11—Tarbell, Yarnall, Upshur, Roper, Greer, San Diego, Calif.; Elliott, Navy Yard, Bremerton, Wash.
Division 12—Talbot, Dent, Lea, Waters, Dorsey, Rathburn, San Diego, Calif.
Division 3—Broome, Southard, Hovey, Chandler, Long, San Diego, Calif; Alden, Navy Yard, Bremerton, to San Diego, Calif.

Calif.

Aircraft Squadrons

Rear Adm. J. M. Reeves, Commander.
Saratoga Navy Yard, Bremerton; Lexington, San Pedro; Aroostook, Gannett,
San Diego, Calif.; Langley (flagship), San Diego, Calif.

Submarine Divisions

Capt. Geo. T. Pettengill, Commander Holland (flagship and tender), San Diego; Ortolan (tender), San Diego; Calif. Division 11—S-29, S-26, S-25, S-24, S-27, San Diego, Calif.; S-28, Mare Island, Calif. Division 19—S-45, S-43, S-44, S-46, S-47, S-42, San Diego.

Division 19—S-45, S-43, S-44, S-46, S-47, S-42, San Diego.
Division 20—Argonne (tender), V-4, V-1, V-2, San Diego, Calif.; V-6, V-3, Navy Yard, Mare Island.
Submarines Based on Pearl Harbor Seagull (tender), Widgeon (tender), Lahaina, T. H.
Division 9—R-1, R-3, R-5, R-6, R-7, R-8, R-9, Lahina, T. H.; R-2, R-2, R-10, Pearl Harbor.
Division 14—R-11, R-13, R-14, R-16, R-17, R-18, R-20, R-12, R-19, Pearl Harbor, T. H.

BASE FURCE

Rear Adm. W. D. MacDougall, Comdr.

Procyon, San Pedro, Calif.
Mine Squadron 2-Whippoorwill, Pearl
Harbor; Ramsay, Gamble, Pearl Harbor,
T. H.; Tanager, Tutuita, Samoa.

Train Squadron 1—Antares, Hampton Roads; Brazos, Hampton Roads, to Beaumont, Tex.; Bridge, Navy Yard, Brooklyn, N. Y.; Vestal, Hampton Roads, Va. Neches, Coco Solo, to San Pedro; Cuyama, San Diego; Arctic, Mare Island, Calif.

SCOUTING FLEET

Vice Adm. A. L. Willard, Commander. Send mail "Care of Postmaster, New York City."

Battleship Divisions

Division 2—Wyoming, Philadelphia, Pa.; Florida, Philadelphia, Pa.; Arkansas, (flagship of Adm. Willard), Utah, Navy Yard, Norfolk, Va.; Pennsylvania, Navy Yard, Philadelphia; Arizona, Navy Yard, Norfolk, Va.

Light Cruiser Divisions

Rear Adm. George R. Marvell, Commander Division 5—Northampton, (flagship of Adm. Marvell) New York, N. Y.; Pensa-cola, Guantanamo Bay, Cuba; Salt Lake City, Hampton Roads, Va.; Chester, Ches-ter. Pa

City, Hampton Roads, Va.; Chester, Chester, Pa.

Division 3—Detroit, Raleigh, Mil. waukee, Hampton Roads, Va.; Cincinnati, Hampton Roads, Va.

Division 2—Memphis, Navy Yard, Boston; Marblehead, Hampton Roads, Va.; Richmond, Trenton, Southern Drill Grounds.

Destroyer Squadrons

Rear Adm. W. R. Sexton, Commander. Concord, Charleston, S. C.; Manley, Norfolk, Va. Sqadron 7—Dallas, Whitney, Charles-

Norfolk, Va.
Sqadron 7—Dallas, Whitney, Charleston, S. C.
Division 22—Blakely, Breckenbridge, Dupont, Barney, Biddle, Charleston, S. C.; Bernadou, Newport, R. I.
Division 23—Cole, J. Fred Talbott, Crowninshield, Ellis, Tillman, Haley Charleston, S. C.

Division 33—Herbert Dickerson, Schenck, Leary, Charleston, S. C.; Taylor, Fairfax, Norfolk, Va.
Squadron 14—Dobbin (tender), Hopkins, Charleston, S. C.
Division 40—Hatfield, New York Navy Yard; Gilmer, Brooks, Humphreys, Lawrence, Kane, Charleston, S. C.
Division 41—McFarland, Overton, K. Paulding, Childs, King, Charleston, S. C.; Sturtevant, Gloucester, Mass.
Division 42—Sands, Navy Yard, Brooklyn, N. Y.; Reuben James, Barry, Goff, Bainbridge, Charleston, S. C.; Williamson, New York Navy Yard.

Capt. F. J. Horne, Commander. Wright, Teal, Hampton Roads, Va.; Sandpiper, Charleston to Hampton Roads,

Rear Adm. Thos. C. Hart, Commander.
Camden, New London, Conn.; Mallard,
Panama Bay; S-4, Falcon, New London.
Mine Squadron No. 1—Oglala, Boston,
Mass.; Lansdale, Lark, Luce, New London, Conn.: Quail, New London, Conn.
Submarine Divisions
Division 2—Chewink, O-8, O-6, O-2, O-1,
O-7, O-3, O-4, O-9, O-10, New London,
Conn.
Division 2—S-10, S-11, S-1

Conn.
Division 3— S-10, S-11, S-12, S-13, S-20, Coco Solo, C. Z.
Division 4—S-1, S-19, S-21, S-18, New London; S-22, S-23, Portsmouth, N. H.; S-48, Newport, R. I.
Division 12—Bushnell, S-6, S-7, S-3, S-8, S-9, New London; V-5, Newport, R. I.
Division 18—S-14, S-15, S-17, S-16, Panama Bay.

Division 18—S-14, S-15, S-17, S-16, Panama Bay. Eagle Division 1—Eagle 35, Eagle 58, Washington, D. C.

U. S. ASIATIC FLEET
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Adm. Chas. B. McVay, Commander in Chief.
Pittsburgh (flagship), to Shanghai, China.
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Guam, Chenglin; Isabel, Shanghai, China; Palos, Changsha; Monocacy, Kiukiang; Luzon, Manila, P. I; Mindanao, Canton; Helena, Canton; Pecos, Manila; Oahu, Shanghai; Panay, Hankow; Tulsa, Tientsin, China; Tutuila, Ichang, China.

Destroyer Squadron
Paul Jones (flagship), Manila, P. I.; Black Hawk, Singapore; Guwadron
Paul Jones (flagship), Manila, P. I.; Black Hawk, Singapore; Barker, Manila.
Division 38—John D. Edwards, Smith-Thompson, Borie, Singapore; Tracy, Whipple, Singapore; Barker, Manila.
Division 30—Simpson, Bulmer, Parrott, at Singapore; McLeish, McCormack, Edsall, at Singapore.
Division 43—Peary, Nanking; Stewart, Kiukiang; John D. Ford, Manila, P. I.; Pope, Chinwangtao, China; Pillsbury, Manila; Truxton, Manila, P. I.; Heron, Avocet Olongapo, P. I.;
Submarine Division
Pigeon, Manila, P. I.
Division 16—Beaver (tender), S-32, S-33, S-34, S-35, S-31, to Manila, P. I.; S-30, Manila, P. I.
Division 17—Canopus (tender), S-37, S-38, S-40, S-41, to Manila, P. I.

Mine Detachment
Hart, Pagoda Anchorage, China, Rizal,

Mine Detachment Hart, Pagoda Anchorage, China, Rizal, Shanghai, China; Bittern, Finch, Manila,

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boa, C. Z.; Asheville, Christobal, C. Z.

MISCELLANEOUS

Chaumont, San Pedro; Chester,
Philadelphia; Henderson, Honolulu to
Guam; Houston, Havre, France to Key
West, Fla.; Kittrey, West Indian Waters;
St. Thomas, V. I.; Niagara, Kingston,
Jamaica to Philadelphia; Nitro, Guantanamo Bay, to Hampton Roads, Va.;
Nokomis, Philadelphia; Patoka, Hampton
Roads, Va.; Ramapo, Mare Island, Calif.;
Salinas, Beaumont, Tex.; Sapelo, Corinto,
Nicaragua; Sirius, Corinto; Vega, Coco
Solo to Hampton Roads, Va.

FACE OPPOSITION TODAY

With Army getting their first real test against Harvard, and Navy meeting stubborn opposition in Duke, both of the service teams will have to give forth their best today.

Navy will elect an official captain just before the game today, it having been decided that it was better to wait until the season was well under way

before choosing one.

A passing attack will probably be used against the Blue Devils from North Carolina by the Middles, judging by the practice this week and by the fact that Bill Ingram announces his starting back fiel dto contain Bauer and Gannon rather than Tschirgi and

Denny.

The line-up includes Smith, left end;
Bowstrom, left tackle; Underwood, left Bowstrom, left tackie; Underwood, left tackie; Black, center; Johnson, right guard; Bryan, right tackle; Byng, right end; Bauer, quarterback; Gannon, left half; Kirn, right half, and Hagberg, full back.

Admitted to Bar

A MONG those recently admitted to practice law in the District of Columbia, was Capt. Clarence Longacre, QMC, office of the Quartermaster Gen-eral, and Editor of The Quartermaster Review. Capt. Longacre practiced law for a number of years at Louisville, Ky., prior to his entering the Army in 1917.

ARMY PLEBES WIN

West Point, N. Y.—Army's plebe football team opened its season Oct. 15, with a victory over Perkiomen School of Pennsburg, Pa., by a score of 7 to 0. J. Johnson scored for the Army yearlings after a run of 20 yards early in the last quarter.

The line-up:
Army Plebes (7)
Kenerick L.E.
Shaughnessey L.T. Drayton
Myers
McGann
Jelovich
Clifford
Sielskie Beazley Jablonsky... R.G. Smoller Kopshak P. Johnson Palmer Craig R.H..... F.B. Reznichak Score by Periods

Army Plebes 0 0 0 7-7
Perkimen 0 0 0 0 7-7
Perkimen 0 0 0 0 0-0
Touchdown-P. Johnson. Point after
touchdown-Darrah (placement kick.)
Referee-Darby, Syracuse. UmpireKirkberger, W. and J. LinesmanChurchill, Ohio Wesleyan. Time of
periods—12 minutes.

GUNNERS WIN OPENER
Ft. Benning, Ga.—The Galloping
Gunners of the 83rd Field Artillery defeated the Columbus Advertisers 27 to
6 in their first football game of the
season, at the Memorial Stadium, Columbus, Ga. The Gunners dazzled
their opponents with an aerial attack
that continually filled the air with a
flurry of passes that accounted for
long gains and touchdowns.

A shoe lace that outwears

by months ordinary laces Stays tied and never looks shahby

Cordo-Hyde

Obtainable at all shoe stores, and if not available at your Post Ex-change or Ship's Store, tell them to get them from

O. A. Miller Treeing Machine Co. Brockton Massachusetts Brockton

Navy Buys Gas

THE Bureau of Supplies and Accounts, Navy Department, has awarded contracts for approximately 1,895,000 gallons of aviation gasoline at a total cost of approximately \$238,-085.50.

These contracts were received by the following companies: Atlantic Refining Co., 830,000 gallons, \$104,118.50; Colonial Beacon Oil Co., 25,000 gallons, \$3,897; Richfield Oil Corporation, 97,000 gallons, \$14,880; Standard Oil Co. of Louisiana, 2,000 gallons, \$320; Standard Oil Co. of Kentucky, 940,000 gallons, \$114,680; Standard Oil Co. of New York, 1,000 gallons, \$190.

This gasoline is to supply the Navy's requirements for six months, from Nov. 1, 1930, to April 30, 1931.

HOTEL DIRECTORY

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"The South's Supreme Hotel" Biltmore Rates \$5.00 \$6.00 (Single) \$8.00 \$10.00 (Double) \$6.00 Special Discount to Army and Navy

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Housekeeping apartments with full Hotel Service. Special Rates to Officers and their families

Ordnance Development

(Continued from Page 151)
permits of 65 degrees elevation and
360 degrees traverse. The purpose of
a weapon of this power is the defense
of some important locality. The carriages are equipped with electrical devices for elevating, traversing, loading, ramming and lighting. The breech ramming and lighting. The breech block is closed by compressed air which is also used for expelling residual powder gases from the bore. Provision is made so that in case of difficulty the arriage can be operated by hand. The above-mentioned major caliber

weapons represent the more modern weapons represent the more modern types in service as well as the most re-cent developments. It would not be advantageous to review the older equipment which is on hand, as no use-ful purpose could be served and it would take considerable time. It is important to note in this heavier armament the trend toward high angle fire, long range, wide traverse and to some extent mobility.

tent mobility.

At a recent firing practice with a 16-inch gun on the Pacific side of the Panama Canal at a range of 42,000 yards, using airplane spotting, an actual hit was made by the Coast Artillery on a pyramidal target.

One of the outstanding accomplishments in the field of ordnance since the World War is the development of greatly improved antiaircraft artillery and entirely new materiel for antiair-

and entirely new materiel for antiair-craft fire control.

Antiaircraft Problem

The antiaircraft problem is an exceedingly difficult one. Given an airplane somewhere in the sky, we must find out how far away and how high it is, its direction and speed, and then we must compute the proper sight settings to enable the gun to be so pointed that at the expiration of the time of flight for that range and elevation the fast moving plane and projectile will meet at the same point; and more-over, the fuze must be set so that the projectile will burst at exactly the

right time.

This problem is badly complicated by the great speed of the target and by its ability to change its direction in any of three dimensions with very

great rapidity.

This means that the time element enters so importantly into the prob-lem that the computations must be instantaneous and continuous, and that the gun laying and fuze setting must be accomplished at the same moment that the computation is made.

The heart of the antiaircraft fire control system is an instrument known as the Director. It is essentially a computing machine which automatically and continuously observes the tar-get and computes its future position get and computes its future position in space, translating its computations into the movement of pointers for the azimuth, elevation and fuze setter dials.

You will recall that the greatest development in antiaircraft fire control at the end of the World War was the Routin Director. This instrument had at the end of the World War was the Routin Director. This instrument had a dead time of 8 seconds and sometimes a greater dead time due to the requirements of setting in data and operating the instrument after data were assembled. With the higher speed of airplanes, a lot could happen in 8 seconds, and it was essential that the Department develop an instrument which would produce continuous data, leaving as the only dead time that time which elapsed between the discharge of the cannon and the arrival charge of the cannon and the arrival of the projectile at the target.

Three Directors This solution has been accomplished in three directors. The first one, designed by Maj. Wilson of the Ordnance Department at Frankfort Arange Directors nance Department at Frankfort Arsenal, has later been perfected by the Sperry Company of Brooklyn, N. Y., to produce results beyond those which had been contemplated in the early days of the design. This director, known as the T6, will be seen at the Aberdeen Proving Ground tomorrow.

In 1925 the Department learned of the development of a Vickers director in England and procured one of these directors through the Military Attache at London. This director has been greatly improved by suggestions from our antiaircraft designers and from

the designers of the British War Office, until it is now firing at the proving ground with almost uncanny accuracy at such times as it receives proper data and proper handling.

In 1928 an Ordnance Military Attache in Paris discovered a director produced by Mr. Papello of Talinn, Estonia, which has since been procured. This director combines with it a height finding feature which is very ingenious and also has an ingenious rate measuring instrument for the prediction of the prediction of the prediction of the prediction. measuring instrument for the prediction of the position of the target in space. The inventor, with his instrument, is now at the Aberdeen Proving Ground and the instrument has been perfected considerably since the original type.

Solution Foreseen

These three directors with their dif-ferent methods of solving the antiair-craft problem indicate clearly that a satisfactory solution of setting consatisfactory solution of setting con-tinuous data on the gun carriages has been reached and there now remains the question of perfecting the instru-ments and cheapening their manufac-

For short range fire, directors have been developed for machine guns and 37 mm. guns, but the angular velocity of a passing target is so great at short es that the directors have little to stabilize themselves and proume to stabilize themselves and produce accurate data. By using the tracer ammunition and a stereoscopic instrument for observing the tracers with respect to the target in the air, a more satisfactory solution has been reached for this short range problem. You will see at the proving ground a two-machine-gun mount fired by an operator who controls his fire through a erator who controls his fire through a stereoscopic instrument. You will also see the 37 mm. mounts in which the operator controls the setting of the sight through his stereoscopic instru-In each case he observes the tracer bullets as they are passing the

The data receiver mounted on the from the director. The gunner the verses or elevates his gun to keep the verses or elevates his gun to keep the verses or elevates his gun to keep the verses or elevates his gun to have a strong the contract of the contrac arriage receives and displays the data pointers in coincidence. On a few fixed carriages torque amplifiers automatic-ally follow the pointers and keeps the guns set on the targets.

In operating the director, there is one quantity which must be determined independently, and that is the height of the plane.

Lavallois Finder

The Lavallois 4-meter stereoscopic height finder is one type of instrument for making this determination. There are several makes of height finder; and there are two general types in use: the stereoscopic type and coincidence type. The stereoscopic instrument op-erates by reason of our ability to see in depth and sense an object as being in front of or behind another object. This faculty of stereoscopic vision is derived from the spacing of the two derived from the spacing of the two eyes, and is in a way equivalent to a range finding system employing two observing stations at the ends of a measured base line. In the stereo-scopic height finder the normal base line between the eyes is increased to the distance between the two objectives thus enabling the operator to locate an actual object with a considerable degree of accuracy with respect to a known distance scale within the optical system of the instrument.

The detection of airplanes from the ground at night presents new proh-lems and requires additional apparatus. To locate planes flying at high sp in the dark appears at first thought to be a problem incapable of solution.

However, a special apparatus has been developed by the Ordnance Department for locating airplanes by sound. This instrument, called the Sound Locator, can be depended upon to give the position of a moving plane with an accuracy of about 15 minutes

in aximuth and angle of site.

A battery of four of the latest type of 3-inch antiaircraft guns was built and emplaced at the Aberdeen Proving Ground in 1926, and approximately 9000 rounds have been fired from this

Ohio

battery with highly gratifying results. Sperry Torque Amplifiers

These guns are equipped with Sperry Torque Amplifiers by means of which the operation of the director automatically lays the gun in elevation and azimuth instead of requiring the guns to be laid mechanically by having the gunner follow the pointer with the ele-

vating and traversing mechanisms.

This battery is also equipped with continuous type fuze setters, operated by means of a hand wheel matching the two pointers on a dial at the top of the instrument, and in so doing introduces the proper fuze range.

The projectile is inserted in the bell opening and automatically lock ed in position. An operator turns a crank at the rear through two com-plete revolutions, and this gives the proper fuze setting. As long as the projectile remains in the fuze setter the setting is continuously corrected. It can not be withdrawn until the set-

The 105 mm. antiaircraft gun on fixed mount is the most powerful weapon yet tested by our service. The gun is 60 calibers in length (the longest gun in calibers ever built in this country) and is equipped with a loose liner to permit replacement in the field.

Removable Liner

The removable liner represents a marked advance in gun construction as it does away with the necessity for sending a worn gun to an arsenal for retubing. The cost of a liner is less retubing. The cost of a liner is less than the cost of retubing, and the in-stallation can be made in a few minutes by the battery personnel using simple hand tools. Both guns and liner are made by the cold work process.

The gun is designed for a muzzle velocity of 3000 feet per second and will fire a 23-lb. projectile to a height of 14,000 yards with a maximum horizontal range of 20,000 yards. The increased weight of the shell as comcreased weight of the shell, as com-pared with the 3-inch 15-pdr. proectile, provides a large increase in langer zone, or effective area of the burst. The high muzzle velocity and greater width of projectile consid-erably reduce the time of flight at all danger ranges.

An automatic rammer system is provided to load the complete round of ammunition, which weighs about 65 pounds. The rammer mechanism is so constructed that it is thrown to the rear during the recoil of the gun, com-pressing the air in the rammer cylin-To load the gun it is only neces-to place the complete round on the loading tray and pull the rammer lever. The gun is equipped with semi-automatic breech mechanism which closes as soon as the round of ammu-nition is pushed home, at the same time locking the rammer head out of position. Upon firing the breech block opens automatically empty shell case. and ejects

The 3-inch antiaircraft mobile mount, M2, is the latest design of mobile tiaircraft artillery produced by the Ordnance Department and represents a marked advance over previous types. The carriage is mounted on ball The long outriggers are folded up at each end of the carriage. Equilibrators have been introduced to balance the muzzle preponderance of the gun when the trunnions are lo-cated near the breech. In this manner we secure a maximum elevation of 85 degrees without the use of high side frames seen in the M1918 carriage. frames seen in the M1918 carriage. The center of gravity is held near the ground and the stability corresponding-ly improved. Beneath the center of the mount are two screws which are used for raising the mount preparatory to removing the wheels in going into firing position.

The M2 Mount

In considering a four-gun battery of antiaircraft artillery in action, it is necessary to recognize that the of antiaircraft artillery in action, it is necessary to recognize that the questions of stability, mobility, and maneuverability are of the greatest importance in a mobile gun carriage, and all three of these points appear to have been successfully accounted for in the M2 mount. It is stable under all conditions of firing; it can be emplaced from the traveling position in readiness for firing in about 15 minreadiness for firing in about 15 minutes and is so light in weight that it can be towed across country by a standard 5-ton tractor or, under fa-vorable conditions, by a four-Wheel drive truck.

The gun is 50 calibers in length and is equipped with a removable liner similar to that provided for the 105 mm. The gun fires a standard 3-inch projectile at a muzzle velocity of 2600 feet per second. The verticle range is about 10,000 yards and the maxi-

mum horizontal range, 14,200 yards. The gun is equipped with semi-automatic breech mechanism. A continuous fuze setter similar to that provided for the 105 mm. and 3-inch fixed mount is standard equipment for this carriage. The maximum rate of fire is about 25 shots per minute. The fire of the gun is controlled by the indirect method from the antiaircraft director.

Some of the increases in range of artillery are due to increased muzzle velocity, length of bore and elevation, but more are due to improved ammuni-tion, especially as to the shape of the projectile. Streaminling, boattailing, and alterations in shape and location of rotating bands, all of which tend to cut down the resistance the projection. projectile. tile meets in flight, have greatly increased the range of modern projec-tiles. If the present 75 mm. service projectile now in use were fired in the 75 mm. Gun, Model 1920, the maximum range would be 11,500 yards as compared to 15,000 yards with the new type of projectile.

Shell Manufacture

Work on the problem of manufacture of shell from seamless steel tubing was undertaken a few years ago as a planning measure to increase facilities and early production of explosive shell for field cannon.

A piece of seamless steel tubing is cut to length, the base of the tubing closed in by a forging operation, the hole in the base drilled and tapped, and a plug screwed into this hole to close and seal the opening.

e closing-in operation may be, and has been accomplished on a horizontal forging machine and a vertical crank press. Any press of sufficient ower and stroke should be satisfactory for the work.

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This method of manufacture has pro-This method of manufacture has progressed to an extent where there appears to be little doubt that it can successfully be used for manufacturing shell for calibers up to and including the 155 mm. or 6 inch. Orders are being completed at the Frankford Arsenal for shell for the 75 mm. gun, the 3 inch antiaircraft gun and the 105 mm. Howitzer. 105 mm. Howitzer.

Mechanical Time Fuze

The mechanical time fuze has recently been standardized for use antiaircraft guns. The powder train fuzes do not work with satisfactory regularity when fired at very high altitude owing to the variations of the density of the atmosphere.

The mechanical time fuze consists of a mechanism not unlike a watch. As can be imagined, it is difficult to design a mechanical fuze which will withstand the firing stresses and will be accurate. The cost of fuzes of this type will probably limit their use to antiaircraft work.

This mechanical time fuze is designed

bring about the explosion to bring about the explosion of the bursting charge of a shell in the air, at a predetermined distance from the gun, with an accuracy of the timing mechanism of the fuze, which results in considerable reduction in the errors of antiaircraft firings.

The timing element of the fuze results a watch mechanism in consults.

sembles a watch mechanism in general principles, although differing from it in the following respects: Instead of being driven by a main spring, it is driven by a pair of weights which make use of the centrifugal force obtained by the rotation of the projectile. Its escapement differs from that of a watch in that it beats at a very much higher frequency and makes use of a straight spring instead of the conventional spiral spring.

The advantages of such a fuze may

be stated as follows:

1. High degree of accuracy.

2. Freedom from variations in timing, due to atmospheric conditions.
3. Capable of quantity manufacture and long time storage without deterioration.

Accuracy Greater

Increased accuracy of our antiaircraft materiel has resulted from this important ammunition item, as demonstrated in extensive firings by the Coast Artillery against sleeve targets towed by airplanes.

Orders of fuzes have been placed and

are being manufactured at the Frankford Arsenal under steady and con-

ford Arsenal under steady and continuous production.

The T1 Point Detonating Fuze is being developed to replace the wartime superquick Point Detonating Faze, Mark III, and is really a modification of the latter fuze. The modification is to insure greater safety and reliability of functioning, particularly at the short ranges. Successful proving ground tests have been obtained, (Please turn to Page 159) (Please turn to Page 159)

Columbus, THE LILLEY CO.

UNIFORMS AND EQUIPMENTS

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OBITUARIES

Announcement of deaths should be addresed to Editorial Office, Army and Navy Journal, Architects Build-ing, Washington, D. C.

REAR ADM. HENRY JOSEPH ZIEGEMEIER, USN, Commandant of the 13th Naval District and Navy Yard, Puget Sound, Wash., died at the Naval Hospital there Oct. 15.

He was born in Allegheny City, Pa., March 27, 1869, and was appointed to the Naval Academy from the 20th District of Ohio. He was commissioned Ensign, 1892, and promoted to Lieu-tenant, 1899, Lieutenant Commander, 1905, Commander, 1911, Captain, 1916, and Rear Admiral, 1921.

In 1915, Adm. Ziegemeier was Secretary of the Navy General Board with additional duty as recorder of the Army and Navy Joint Board and in 1917 was given command of the battleship Virginia. He was awarded the Navy Crossial in World Way service with the ciginia. He was awarded the Navy Cross for his World War service with the citation:

"For exceptionally meritorious service in a duty of great responsibility as Commanding Officer of the USS Virginia in the Atlantic Fleet." He was on duty in the Bureau of Navigation from Aug. 5, 1919, to Feb., 1921, when he was ordered to duty at the Mare Island Navy Yard as General Inspector of the battleship California

Inspector of the battleship California and in command when she was commissioned. In July, 1922, he was appointed Director of Naval Communications, Director of Naval Communications, Navy Department, and in May, 1923, was assigned to duty as Commandant of the Norfolk Navy Yard and for three months had additional duty as Commandant of the 5th Naval District and Commandant of the Naval Operating Base, Hampton Roads.

In Jan., 1925, he was Comander of Battleship Division Three, Battle Fleet, flagship USS Pensylvania. In 1927, he was appointed Commandant 9th Naval District, headquarters, Great Lakes, Ill., and in June, 1928, was transferred to Commandant of 13th Naval District and Commandant of the Naval District and Commandant of the Puget Sound Navl Yard.

He is survived by his widow, Mrs. H. J. Ziegemeier, who at Puget Sound, Wash. who is at present

There died on Sept. 2, 1930, a correspondent, writer, a pioneer woman, Mrs. Helen (Wood) Mauck, the widow of Capt. Clarence Mauck, one of the most gallant officers of the old Fourth U. S. Cavalry, later a major of the Ninth Cavalry. He had served throughout the Civil War, having entered the service March 27, 1861, and had a most enviable and distinguished record. He died in San Antonio, Tex., in 1881, and is buried there. Mrs. Mauck was born in Wooddale, Del., which was named after her father, John Wood, but in her early girlhood moved to Conshohocken, Pa., which was founded by her paternal and maternal grandfathers, James Wood and James Wells. Her father, John, who married Elizabeth Wells, and built the first iron works in that town, was a member of Congress from the Eighth Pennsylvania District in 1859 and 1860.

gress from the Eighth Pennsylvania District in 1859 and 1860.

Mrs. Mauck graduated from the Ralston Seminary for young ladies at Norristown, Pa., and several years later married Capt. Mauch, then a young officer of the 4th Cavalry. She died at the ripe age of 89 at Bryn Mawr, the home of her youngest son, Victor Mauck, now chairman of the Board of Directors of the John Wood Manufacturing Company at Conshohocken. hocken.

hocken. This noble pioneer woman followed her soldier-husband throughout his Army career, except when he was in the field, and until his death. Sometimes she was separated from him for weeks and months. On one occasion when the regiment made a secret punitive expedition or raid into Mexico, and no officer's wife was to be told of its mission, he left her in the middle of the night from a sick bed. Until his return several days later she was absolutely in ignorance as to his whereabouts or his fate. As the command abouts or his fate. As the command crossed the Rio Grande without or-ders, on an Indian campaign, had he been wounded or captured he would have been shot, or hung without trial to the nearest tree by a pursuing body of enraged Mexicans and Indians trying to head off the command before it crossed the Rio Grande with their women and children as prisoners. The motto of the Fourth Cavalry is "Fi-

Ordnance Development

(Continued from Page 158) except in the 75 mm. Pack Howitzer, where unfavorable results appear to be caused by instability of the projectile. Fuzes have been issued to the service for test in the 75 mm. field gun and 155 mm. gun. Additional fuzes are under preparation for test in other weapons.

The T2 Point Detonating Fuze is a combination superquick and delay type for high explosive shell of calibers 75 mm. and larger. It may be used either for superquick action or for delay action, as desired by the using personnel. The fuze is bore safe and permits of the issue of the round completely fuzed, thus materially lessening the supply difficulties in the field. Also, it will replace the several types of single-purpose fuzes now in service, fn addition to having a universal use in all calibers of point fuzed high explosive shell. The contour of the fuze blends with the ogive of the shell, giving a streamline effect to the projectile, resulting in a superior ballistic shape.

Tests Satisfactory

Satisfactory results have been obtained in the proving tests with this fuze, and several thousand fuzes are under manufacture for issue to the service for extended tests in the various caliber weapons. ous caliber weapons.

An impact base detonating fuze, known as the Mark X, has been devel-oped and issued to harbor defenses for use in 12-inch and larger A. P. Projectiles. This fuze is bore safe, Projectiles. This fuze is bore safe, that is, safe against explosion in the gun, and it is fitted with a delay element which prevents explosion of the projectile until it has penetrated caliber armor plate.

A base detonating fuze is being developed for high explosive shell for the new 37 mm. Infantry Gun. This is a non-delay action type. Satisfactory results have been obtained in proving ground tests, and a number of fuzes are being manufactured for test by the services. A fuze of similar design, except that it has a short delay feature is also under development for 37 mm. A. P. Shell for use against tanks.

A bore safe fuze with short delay as been designed for 2.24-inch A. P. Shell. This is for the 2.24-inch Ar. I. Shell. This is for the 2.24-inch Tank Gun and is designed to explode the shell after penetrating tank armor. Development and manufacture of this fuze have not yet started.

Develop Powder

A program of development work started in 1919 resulted in the develop-ment of a flashless, non-hygroscopic (FNH) smokeless powder for the 75 mm. Gun, Model 1897, which was sub-jected to service tests and finally approved as standard for manufacture 1926. A powder of the same comme A powder of the same composition, in apropriate grain size, was also approved as standard for the 155 mm. approved as standard for the 155 mm. G. P. F. Gun. Although not flashless in this gun, the powder has the distinct advantage of being non-hygroscopic (NH). Satisfactory FNH powders of like composition have also been developed for the 75 mm. Pack Howitzer, the 75 mm. Gun M1, the 2.95 inch Mountain Gun, and the 105 mm. Howitzer. Those developed for

delis et Paratus." ("Ready and Faithful.")

This pioneer woman was ready and faithful. Not only that, but she was always the loyal, devoted wife and cheerful companion and moth-er of three children, all of whom were er of three children, all of whom were born on the frontier. But how little is known of such women in this present hurry and bustle of life. Besides her son, Victor, born at Ft. Clark, Tex. (Dec. 6, 1873), she is survived by another older son, Herbert Sherman, born at Ft. Concho, Tex., April 9, 1871, who now resides at "East Watch" (Gulph Road) within a few minutes' walk of Washington's Winter cantonment at Valley Forge; by a grandson, Frederico, a Norristown, Pa., attorney, and erico, a Norristown, Pa., attorney, and

A host of friends, both in and out of the service, were shocked at the news of the death of Mrs. Herbert V.

Wiley, who died last month.

Her presence will be missed by all those who knew her, and the service joins Lt. Comdr. Herbert V. Wiley, joins Lt. Comdr. Herbert USN, in grief at her passing.

BIRTHS, MARRIAGES AND DEATHS

BORN

CARPENTER—Born at Rose Cottage Maternity Home, Eliot, Me., recently to Mr. and Mrs. Richard Carpenter, a daughter, Jean Reamy. The child is the granddaughter of Ch. QM Clk. James E. Reamy, USMC, and Mrs.

DeWITT—Born at the American Hospital, Paris, France, Oct. 1, 1930, to Maj. Colvin DeWitt, Jr., USA, and Mrs. DeWitt, a daughter, Marjorie.

DOBAK—Born at Vancouver Barracks, Wash., Oct. 12, 1930, to Lt. Alexander A. Dobak, USA, and Mrs. Dobak, a son, Alexander A. Dobak, Jr.

FAUNTZ-Born at San Pedro General Hospital, San Pedro, Calif., Oct. 1, 1930, to Lt. T. C. Fauntz, USN., and Mrs. Fauntz, a daughter, Catherine

FRANCIS-Born at the Tripler Gen-FRANCIS—Born at the Tripler General Hospital, Ft. Shafter, T. H., Aug. 18, 1930, to Lt. William H. Francis, USA, and Mrs. Francis, a daughter, Betty Irene.

LEE—Born at the Station Hospital, Ft. Sam Houston, Tex., Oct. 2, 1930, to Lt. William L. Lee, AC, USA, and Mrs.

Lee, a son.

POWELL—Born at Chicago, Ill., Oct.
16, 1930, to Mr. and Mrs. John E.
Powell, a son. The child is the grandchild of Rear Adm. David W. Taylor,
USN, and Mrs. Taylor.

REGISTER—Born at the Seaside
Hospital Long Beach, Calif., recently,
to Lt. P. J. Register, USN., and Mrs.
Register, a son, Paul James Register,
Jr.

SMITH—Born at the Mercy Hospital, San Diego, Calif., Oct. 4, 1930, to Lt. W. W. Smith, USN, and Mrs. Smith, a daughter.

STEVENS—Born at the St. Vincent's Hospital, Norfolk, Va., Oct. 7, 1930, to Lt. H. R. Stevens, USN, and Mrs. tevens, a son.
WELLS—Born at the Iowa Metho-

the 3 inch A. A. Guns, the 155 mm. Howitzer, and the 6 inch Guns, Models 1897-08 and Models 1900-03-05, are non-hygroscopic but not flashless. In 1929 the War Department aproved the standardization of this type of im-proved powder for all calibers of weapproved powder for all calibers of weap-ons up to and including the 155 mm. Gun. Tests covering a period of sev-eral years have confirmed the con-clusions that this type of powder pos-sesses the advantages of greater chem-ical stability and ballistic uniformity than service powder of the "pyro" type. A program has therefore been type. A program has therefore been initiated for the development of NH initiated for the development of NH powders for all calibers of railway and seacoast weapons. Within the past year entirely satisfactory proving ground results have been obtained with NH powders for the 240 mm. Howitzer and the 12 inch Gun, Model 1888-95, and progress has been made in the development of similar powder for the 12-inch Mortar, Model 1912. It is planned to conduct actual service tests of the new powder in these weapons before the powder is aproved as standbefore the powder is aproved as standard for manufacture.

Although the present type of FNH or NH powder, which has been approved for all calibers of weapons up to and including the 155 mm. gun, undoubtdly marks a great advance in the development of improved smokeless powder as regards better chemical sta-bility and ballistic uniformity as well as flash elimination, continued efforts are being made to effect still further improvements by a study of new com-positions. Thus, it may ultimately be found possible to eliminate the flash from even major caliber guns without the production of objectionable quantities of smoke.

Cotton Linters

Cotton Linters

It has been known for many years that properly purified wood pulp, preferably converted into paper of suitable characteristics, constituted a satisfactory emergency substitute for cotton linters as raw material for the manufacture of smokeless powder. Practically all of Germany's World War smokeless powder was made from wood pulp because of lack of supplies of cotton. Toward the close of the war a threatened shortage of cotton linta threatened shortage of cotton lintin the United States directed attention to the use of wood pulp as a substitute. No difficulty was en-countered in obtaining purified pulp which would meet the requirements our cotton specifications as rega purity. Owing to the fact that the nitrating and purifying equipment available was not adopted to the use (Please turn to Page 161)

dist Hospital, Des Moines, Ia., Aug. 17, 1930, to Lt. Jesse Bernard Wells, USA, and Mrs. Wells, a daughter, Barbara. WILLIAMS—Born at the Mercy Hospital, San Diego, Calif., Sept. 20, 1930, to Lt. G. H. Williams, USN, and Mrs. Williams, a daughter, Nancy Jane.

MARRIED

GRUM-CATE — Married at Austin, Tex., Sept. 26, 1930, Miss Nathalie Cate, to Capt. Allen F. Grum, USA.

HARRISON-CILLES—Married at Philadelphia, Pa., Oct. 6, 1930, Miss Jessye Beatrice Cilles, to Comdr. Marion Edward Harrison, USN.

HERMAN-WILSON—Married at Tuscaloosa, Ala., Oct. 4, 1930, Miss Jeanne Herman, to Lt. Walter K. Wilson, Jr., USA, son of Lt. Col. Walter K. Wilson, USA, and Mrs. Wilson.

JOHNSON-CARSON-Married at the Post Chapel, Ft. Monroe, Va., Oct. 1, 1930, Miss Elizabeth Custis Carson daughter of Mrs. D. S. Lenzner, wife of Maj. D. S. Lenzner, CAC, to Mr. Everett Royal Johnson, son of Hon. Royal C. Johnson, U. S. Representative from South Dakota, and Mrs. Johnson.

JOHNSON-LOUGHLIN—Married at Portsmouth, N. H., Oct. 11, 1930, Mrs. Maria Loughlin, to Lt. Reginald C. Johnson, USN.

MARSHALL-BROWN — Married at the Emmanuel Protestant Episcopal Church, Baltimore, Md., Oct. 14, 1930, Miss Catherine T. Brown, to Col. Geo. Marshall, USA.

TOZER-GAYLE—Married at Riverside, Calif., Sept. 9, 1930, Miss Anne Groner Gayle, to Capt. C. M. Tozer,

DIED

ALBAN-Died at Nicaragua, Oct. 11, 1930, 1st Lt. Harvey B. Alban, USMC. BAYMAN — Died at Fitzsimmons General Hospital, Denver, Colo., Oct. 4, 1930, 1st Lt. Edward T. Bayman, USMC, ret.

USMC, ret.

CALDWELL—Died as the result of an airplane crash, Cheyenne, Wyo., Oct. 15, 1930, Lt. William W. Caldwell, Air-Res., USA.

CONE—Died at the Navy Yard, Portsmouth, N. H., Oct. 10, 1930, 2nd Lt. Gordon Cone, USMC.

COOPER—Died at Brookline, Mass., Sept. 29, 1930, Eleanore Briggs Cooper, wife of Lt. Col. Hiram M. Cooper, Inf., USA.

Wish.

HOLMES—Died at United States
Veterans' Bureau Hospital, Waukesha,
Wis., Oct. 1, 1930, Maj. Felix R.
Holmes, USA, ret.

KENNEDY—Died at Fetterman General Hospital, San Francisco, Calif.,
Oct. 15, 1930, Brig. Gen. James M. Kennedy, USA, ret.

MILLER—Died at the U. S. Naval
Hospital, Washington, D. C., Oct. 16,
1930, Dr. James E. Miller, former inspector general and chief surgeon of
State and National Soldiers' Homes,
father of Lt. Comdr. James E. Miller,
USN.

OLIN--Died at the Jefferson Hos-

pital, Philadelphia, Pa., October 15, 1930, Mrs. Doris Seeds Olin, wife of Ens. P. C. Olin, USN.
PHILLIPS—Died at Naval Hospital, Washington, D. C., Oct. 9, 1930, Capt. James Stillman Phillips, USN, ret. Survived by widow, Mrs. Augusta Phillips

lips.

RIPLEY—Died at Fitzsimons Gen.

Hosp., Denver, Colo., Sept. 21, 1930,
Lt. Comdr. Charles Stedman Ripley,

Lt. Comdr. Charles Stedman Ripley, USN, ret.

ROBINSON—Died at San Francisco, Calif., Oct. 10, 1930, Mrs. Elizabeth Crowell Robinson, widow of Capt. Edward W. Robinson, USA, mother of Mrs. Douglas Tait and Mr. Gordon Robinson of San Francisco.

SMITH—Died at the Signal Corps Hospital, Ft. Monmouth, N. J., Oct. 13, 1930, St. Sgt. George T. Smith, USA.

WILEY—The notice of the death of Lt. Comdr. H. V. Wiley, published in this column last week was in error. Comdr. Wiley did not die, but it was his wife who died. The notice should have read as follows:

WILEY—Died Sept. 17, 1930, H. V. Wiley, wife of Lt. Comdr. Wiley, USN. ZIEGEMEIER—Died at the Naval Hospital, Puget Sound, Wash., Oct. 15, 1930, Rear Adm. Henry J. Zeigemeier, USN.

MEMORIALS at ARLINGTON

WE specialise in designing and erecting memorials (monuments, Mausoleums, tablets) in Arlington and other national and private cemeteries throughout the country. Illustrated booklet J sent FREE.

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Engagements

THE engagement of Miss Myra Janet Jackson, to Lt. Lewis Merril Markham, Jr., USN, has been recently announced by her parents, Dr. and Mrs. Henry N. Jackson. The wedding is to take place some time in December. Lt. Markham is from Lamar, Colo,, and is now stationed at San Diego, Calif.

The engagement of Miss Princessa Page to Mr. Charles Harold Hatch was made in Los Angeles, Calif., last week by the mother of the bride-to-be, Mrs. Lucile F. Page.

Miss Page was a guest of Gen. and Mrs. Omar Bunday, and Col. and Mrs. George S. Simonds in Washington, D. C., last Summer on her way to Europe, and is the granddaughter of the late Gen. and Mrs. John H. Page, of Wash-ington, D. C., and a niece of Col. J. H. Page, Jr., of Los Angeles, Calif.

Miss Page is a graduate of the University of California, and but recently returned to her home from a visit to Luke Field in Hawaii, where she was the guest of Lt. and Mrs. Rowland Kieburtz. The wedding is to take place at the home of the bride on Oct. 30, 1930.

Capt. H. C. Richardson, USN, ret., and Mrs. Richardson, of Cleveland, O., announce the engagement of their daughter, Mrs. Mary Phillips Monfort, to Mr. Warren W. Howard, of Hampton, Va.

Mrs. Monfort is a niece of Governor and Mrs. John Garland Pollard, of Richmond, Va.

The engagement has been announced of Lt. William Wager Weeden, Jr., USN, son of Mr. and Mrs. William Wager Weeden, of Providence and Jamestown, and Mrs. Florence Davis Magnin, of New York. Lt. Weeden is on submarine duty in the Canal Zone and is returning shortly on leave. The wedding will take place in Jamestown today.

SERVICE SOCIAL NEWS

A NNOUNCEMENTS of Personals, Entertainments, Engagements, Weddings and births requested. Address Society Editor, Army and Navy Journal, 1800 E Street Northwest, Washington, D. C.

Personals

THE sixteenth annual dinner since re-THE sixteenth annual dinner since fertirement to Adm. Charles J. Badger, by his staff, was held at the Army-Navy Club, Washington, D. C., Oct. 10. Those present were: Adm. C. J. Badger, Adm. C. F. Hughes, Rear Adm. Samuel McGowan, Rear Adm. J. J. Cheatham, Rear Adm. W. R. Sexton, Capt. L. W. Spratling, Capt. R. D. Gatewood, Capt. Byron McCandless, Capt. S. C. Hooper, of the U. S. Navy.

Florence Partello Stuart, the noted

Army writer, is now doing research and continuity writing for the National Broadcasting Co.

Mrs. Stuart has charge of the Kuner-Empson program, one of the prominent broadcasting features of the West.

"Reminiscenes of the Old West" are produced in drama form, bringing to life the old pioneer days. Old Indian battles, the struggle of the pioneer woman, the building up of our West are portrayed each Friday evening over KOA Danger

Are portrayed cases

KOA, Denver.

Mrs. Stuart's book of the lower Philippines, "Piang, the Moro Jungle Boy,"
has recently been translated into Swedish and is permanently in the classic library of that country. "Piang" is also used in the public schools of America.

Mrs. Stuart is the wife of Col. George Stuart, Chief of Staff, 103 Division

Miss Mary Alice McManus, daughter of Col. George H. McManus, CAC, USA, was the October hostess to the Boston Chapter of the Daughters of the United States Army, Oct. 4, at her home in Cambridge. The bridge tables were

Miss McManus. Coming in for tea was an additional group consisting of Miss Helen Gunner, Mrs. H. Crampton Jones, Miss Cecilia Truesdell, Mrs. Arthur A. White, and Miss Margaret Whitlock.

of the Army War College, Washington, D. C., will be presented to Washington

Society at a debut tea, Nov. 1.

Miss Kingman has recently returned from a six-months' visit in Cairo, Egypt, with Judge and Mrs. Pierre Crabites and a tour of the Holy Land, Mediterranean, Italy, Germany, France, and England.

Miss Kingman acted in "The Perils of the Plains," the pageant presented at the Army Relief Carnival at Washington Barracks in Sept.

On Sept. 30 a dinner-bridge was given at the Officers' Club, Presidio of San Francisco, to Col. and Mrs. Edward T. Hartmann in honor of Col.

Prior to the dinner, letters af appreciation and gifts to commemorate the

The ballroom and dining room of the Presidio Officers' Club were brilliantly decorated through the efforts of the

Maj. Gen. James Parker, USA, ret., was elected National Commander of

was elected National Commander of the Society of the Army of the Philip-pines at the meeting in Philadelphia, Pa., Aug. 16, 1930.

The beginning of the Fall and Win-ter social season at the U. S. Naval Training Station, Great Lakes, Ill., was marked by an unusually enjoyable din-ner-bridge party at the Glen Flora Country Club Oct. 9 given by Lt. and Mrs. Charles E. Leavitt in honor of Lt. and Mrs. Paul K. Coons, who are leavand Mrs. Paul K. Coons, who are leav-ing Great Lakes shortly for their new station at Tutuila, Samoa. Those present in addition to the guests of honor were Capt. and Mrs. Herbert E. Stevens, Capt. and Mrs. Thomas W. Raison, Comdr. and Mrs. Ernest J. Blank orship. Comdr. and Mrs. George H. enship, Comdr. and Mrs. George H. Emmerson, Comdr. and Mrs. Micajah Boland, Lt. Comdr. and Mrs. Ingram Boland, Lt. Comdr. and Mrs. Ingram C. Sowell, Lt. Comdr. and Mrs. Alden K. Fogg, Lt. Comdr. and Mrs. Martin Donelson, Lt. Comdr. and Mrs. John P. Owen, Lt. Comdr. and Mrs. Henry C. Weber, Lt. Francis H. Gilmer, Miss Florence Overman, Lt. William C. Gray, Miss Harriet Lane, Lt. and Mrs. Charles F. House, Lt. and Mrs. John R. Hume, Lt. and Mrs. Emil J. Stelter, Lt. (jg) and Mrs. Clifford C. DeFord, Lt. (jg) and Mrs. Lyman R. Vaughan, Lt. (jg) and Mrs. John R. Perry. (Please turn to Next Page)

filled by these members: Miss Barbara Bonnycastle, Mrs. George Butts, Miss Eleanor Cutrer, Miss Virginia Ferri-ter, Mrs. Robert Fleming, Miss Eliza-beth Hall, Miss Mary Knabenshue, Miss Betty Partridge, and Miss Natalie Weed. High scores were held by Miss Knabenshue, Miss Bonnycastle, and Miss Memanus. Coming in for tea was

Miss Katharine Kingman, daughter of Lt. Col. and Mrs. Ralph Kingman, of the Army War College, Washington,

Hartmann's retirement from the Army. More than 40 persons were guests and joined gladly in congratulating Col. Hartmann, commanding officer of Ft. Mason, and Mrs. Hartman, whose charm and sunny disposition has en-deared her to hundreds of friends, on the culmination of an unusual career of achievement in the Army.

event, as well as to testify to the esteem in which the couple were held, were received. Among these latter was a large silver cigarette box presented by friends in the Signal Corps through Maj. S. W. Stanley, SC, Signal Supply Officer of Ft. Mason.

committe on arrangements, Maj. Sam-uel R. Dishman, Mrs. B. H. L. Wil-liams and Mrs. John E. Adamson. A uei R. Disman, Mrs. B. H. L. Williams and Mrs. John E. Adamson. A splendid dinner was served at 7 o'clock after which bridge was played. Among the guests present were Col. and Mrs. Hartman, Col. J. F. Madden, Col. and Mrs. W. A. Wickline, Lt. Col. and Mrs. W. F. Robinson, Jr., Lt. Col. and Mrs. W. F. Robinson, Jr., Lt. Col. and Mrs. C. A. Lewis, Lt. Col. George T. Cottle, Maj. and Mrs. S. R. Dishman, Maj. and Mrs. S. W. Stanley, Capt. and Mrs. James A. Code, Jr., Capt. and Mrs. T. R. Sharp, Capt. and Mrs. A. S. Levinsohn, Capt. and Mrs. N. G. Sandelin, Capt. and Mrs. C. J. Mabbutt, Capt. and Mrs. E. A. Guillemet, Capt. P. H. Riedel, Capt. and Mrs. J. E. Adamson, Capt. G. W. Rees, Lt. J. S. Crawford, Lt. and Mrs. R. H. Wylie, Miss Lillian Sandelin, and Mrs. Millard Tyree.

Weddings

COL GEORGE MARSHALL, USA. and Mrs. Catherine T. Brown were married Oct. 14 in the chapel of Emmanuel Protestant Episcopal Church, Baltimore, Md. Gen. John J. Pershing was best man. Col. Marshall and Mrs. Brown, the latter the widow of Clifton S. Brown, the latter the widow of Clifton S. Brown, lawyer, were married by the Rev. Harry Stansbury Weyrich, acting rector of the church.

Following the wedding, Col. Marshall and his bride left for Ft. Benning, Ga., where the colonel is stationed. Gen. Pershing left Baltimore immediately for Washington.

Col. Marshall is the wearer of the Distinguished Service Medal, a graduate of Virginia Military Institute, Army Staff College, and an honor graduate of the Infantry and Cavalry Schools.

Lt. Col. Charles S. Macfarland, Chaplain, Auxiliary Reserve, and Mrs. Macfarland, have issued invitations to the wedding of their daughter, Lucia Mer-rill, to J. Harrie Hogan, Jr., of Mont-clair, N. J., on Oct. 25. The ceremony will be performed by Dr. Macfarland at the Community Church, Mountain Lakes, N. J.

Miss Macfarland attended the Burnham School, Scudder School and Smith College and is attached to the Social Service Department of Morristown Hospital Mr. Hogan is a graduate of Montclair Academy and Packard Commercial School. He served during the war with the Montclair Academy Battalion, ROTC.

The marriage of Mrs. Maria Loughlin, of Portsmouth, N. H., and Lt. Reginald C. Johnson, USN, son of Mr. and Mrs. Frederick Johnson, of Pine City, Minn., occurred Oct. 11. The ceremony was performed by Rev. Frank B. Chatterton, pastor of the Universalist Church, in his study at the church. The ceremony was a very simple and quiet affair. quiet affair.

The bride was attended by Miss Dorothy Adams, of Porthmouth. Lt. Newcomb L. Damon, USN, executive officer of the Submarine V-5, was best

Lt. and Mrs. Johnson left later on their wedding trip to the White Moun-tains. They will reside temporarily in New London, Conn., where Lt. Johnson is on duty on the sumbarine O-8.

Gen. MacArthur Arrives

(Continued from First Page)

hauled down the General's two-starred

"A mighty fine man, that, and a good shipmate," the Captain volunteered..

The General and his party are stay-ing temporarily at the Stewart Hotel in downtown San Francisco.

A reception, followed by dancing, was held last night for Gen. MacArthur at the Officers' Club, Presidio of San Francisco. Col. Hartshorn, acting chief of staff, and officers and members of their families participated in extending this country to the control of the country to the control of the country to the control of the country to ing this courtesy to the next Chief of

The GARDEN SPOT West 44th Street-New York City

LUNCHEON-DINNER

Service people will feel at home here

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FIFTH AVENUE 37th and 38th Streets New York

EXCLUSIVE FASHIONS Madame and Mademoiselle Girls, Boys and Infants Successful Fashions of New York Paris, London Originators of the Bramley and Wendell Fashions

MEN'S SHOPS-Street Floor Separate Entrances on West 38th and 37th Streets



If you are a Member of the Association of Army and Navy Stores, Inc., send your paid 'temixed charge bills, cash lilps and C. O. D. vouchers 'or your membership saving to their home office at 469 Fifth Avenue, New York City.



SHOPPING for SERVICE FOLK

By IRENE BEAUCHAMP

Hecht Month is still going strong, particularly in household furnishing. OCTOBER, month of new curtains and rugs. Lovely Filets curtains, with borders, at \$188.00 pair. French marquisette tailored (new) only \$1.24 pair. The heavier sunfast Damask, exquisite quality, for door drapes as well as windows, only \$1.13 per yard. Hecht's quality selected Wilton rugs take a much lower price, \$65.00 and \$69.50, sizes 9x12 feet and 8.3x10.6 feet, very special for \$49.75. All perfect, new, colorful. Oriental and conventional patterns. Woven to resist years of wear. Finished with fringe, \$125 and \$135. American sist years of wear. Finished with fringe, \$125 and \$135. American Oriental rugs, sizes 9x12 feet and 8.3x10.6 feet, pattern w o v e n through to back, gorgeous colors, only \$89.50. Member of Associa-tion of Army and Navy Stores, Inc.

The Iron Gate Inn, where cooking is an Art. A romantic place you often read about, but seldom find. Special attention to bridge luncheons and teas. Sunday dinners, 12:00 to 8:00 P. M. Chicken and waffles, 6:00 P. M. to 8:00 P. M., Sundays. You must see it to appreciate the old house of General Nelson A. Miles of the Indian and Spanish Wars fame. Where to eat? THE IRON GATE, 1734 N Street N. W.

Do You Know? NOLAN MO-TOR CO., Inc., 1109-1115 Eighteenth Street, have a splendid 24hour service for all Ford cars. Greasing, oiling, spare parts, expert mechanics. Most courteous treatment. They also carry finest selection of used, as well as new cars, in the East. Members of the Official Three A's. Wonder of Wonders, they are easy to locate. When in Washington, be sure to look them up. Excellent service. Information. Free road map service.

VANITY DRESS SHOPPE, 527 Fourteenth Street N. W., are showing a wonderful assortment of street and afternoon frocks, new silk materials, one of each pattern, Sizes 14 to 50. colors and necklines. Special, \$9.75. Lovely three-piece knit wool suits, long sleeve wool lace blouse, beautiful colors, also black, sizes 14 to 20, regular \$25.00 value, special, \$14.75. Five per cent to service people presenting this clipping.

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WEST POINT, N. Y.
October 17, 1930.

PROMINENT among the important social functions of last week was the
4ea given by Lt. Col. and Mrs. Walter K.
Wilson on Sunday afternoon, in honor
of their son and daughter-in-law, Lt. and
Mrs. Walter K. Wilson, jr.
The Assistant Secretary of War and
Mrs. Fred. H. Payne and Miss Caroline
Payne were among the prominent visitors
to the post this week. They were guests
of Maj. Gen. and Mrs. William R. Smith.
Lt. Col. and Mrs. William R. Smith.
Lt. Col. and Mrs. William R. Smith.
Col. and Mrs. T. B. Catron, of
Washington, D. C. Their guests were Lt.
Col. and Mrs. R. G. Alexander, Lt. Col.
and Mrs. C. E. Wheat, Lt. Col. and Mrs.
C. L. Fenton and Lt. Col. and Mrs. Sherburne Whipple.
Maj. and Mrs. G. E. Edgerton enter-

C. L. Fenton and Lt. Col. and Mrs. Sherburne Whipple. "
Maj. and Mrs. G. E. Edgerton entertained a company at dinner Thursday evening at the Half Moon, near Cornwell. Their guests included Lt. Col. and Mrs. W. A. Mitchell, Lt. Col. and Mrs. G. Gilespie, Maj. and Mrs. C. M. Taylor, Maj. and Mrs. C. D. Hartman and Maj. and Mrs. Herman Beukema.

Maj. and Mrs. Hubert R. Harmon had dining with them Thursday evening Maj. and Mrs. T. E. Scott, Maj. and Mrs. E. Miner, Maj. and Mrs. W. Baade, Capt. and Mrs. F. A. Macon and Capt. and Mrs. S. Eley.

and Mrs. F. A. Macon and Capt. and Mrs. S. Eley.
On Saturday evening Lt. and Mrs. Donald A. Fay entertained at dinner in honor of Lt. and Mrs. J. D. Frederick of Ft. Wadsworth. Their other guests were Lt. F. D. Cookson, Miss Ruth Fentnor of New York, Lt. and Mrs. J. H. Warren of Governors Island, Mrs. Kelley Wise, Lt. and Mrs. R. P. Ovenshine, Miss Janet Wilson and Lt. Frank Davis.
On Tuesday evening Lt. and Mrs. Cort-

On Tuesday evening Lt. and Mrs. Cort-landt VanR. Schuyler entertained at dinlandt VanR. Schuyler entertained at dinner followed by bridge. Their guests were Lt. Col. and Mrs. C. L. Fenton, Maj. and Mrs. T. K. Brown, Capt. and Mrs. A. C. Smith, Lt. and Mrs. A. M. Gunther and Lt. and Mrs. R. P. Ovenshine.

Lt. and Mrs. Melville F. Grant entertained a number of guests at dinner on Saturday night in honor of Mrs. James O. Rokwell of Manila, P I.

FT. LEWIS, WASH.
Oct. 15, 1930

THE Tacoma Country Club was the scene this week of a luncheon-bridge at which Mrs. Buchan, wife of Col. Fred H. Buchan, was hostess. Her guests numbered 31.
Mai and Mrs. W.

Maj. and Mrs. W. J. Tack were hosts Saturday evening in their quarters, with mother and sister, Mrs. T. A. Tack and Miss Lucille Tack, who are from Wiscon-

sin.

Mrs. Padley, wife of Lt. Robert Padley, was the week-end guest of Capt. and Mrs. S. W. McIlwain.

Maj. and Mrs. Samuel Thorpe have returned from Ames, Iowa, where Mrs. Thorpe had been visiting for several months at the home of her daughter, Mrs. R. E. Brown.

Mrs. Hugh Cort gave a dinner recently for her young daughter. Betty, followed by a theater party. Mrs. Henry Hameling and Mrs. Bertram Frankberger assisted.

sisted.

Miss Charlotte Bauman, daughter of.

Maj. and Mrs. Joseph W. Bauman, left
last week for the University of Washington, where she has registered for her

third year.

third year.

Maj. and Mrs. T. D. Simkins were hosts

Maj. and Mrs. T. D. Simkins were nosts recently in their quarters at a dinner bridge. Their guests numbered 16.

Mrs. Taylor, wife of Maj. V. V. Taylor, who has been away since July, has arrived at the fort. She has visited her parents in Winnipeg, and with them spent much time motoring throughout the East

spent much time motoring throughout the East.

Lt. and Mrs. W. O. Collins entertained informally in their quarters recently at a bridge supper for Lt. R. E. Alexander and his mother, Madame Alexander, Mrs. C. S. Benney and Miss Dot Benney, and Lt. and Mrs. S. N. Patridge.

Miss Katherine Learnard, daughter of Brig. Gen. and Mrs. Henry G. Learnard, entertained recently at dinner in the quarters of her parents, preceding the hop at the Officers' Club. Her guests numbered 11.

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FT. SILL, OKLA.
Oct. 15, 1930

COL. AND MRS. R. H. PIERSON had 12
Guests for dinner at their quarters
Oct. 11.
Mrs. Charles M. Bundel and Mrs. Margaret Houston motored to Oklahoma City
Oct. 9.
Col. and Mrs. Williams

Oct. 9.
Col. and Mrs. Kinzie B. Edmunds had Capt. and Mrs. R. D. Delehanty as dinner guests Oct. 5.
Col. and Mrs. Leslie J. McNair entertained with dinner at their quarters recently for Capt. and Mrs. Horace Hard-

POSTS and STATIONS

With The Services In The Nation's Capital

FOR the sixteenth time in as many years, the staff of Rear Adm. Chas. J. Badger, USN-Ret., who was com-mander in chief of the Atlantic Fleet in 1913 and 1914, held a dinner Oct. 10 in the Army and Navy Club.

Adm. Badger now resides here at 3508 Lowell street northwest. He is the son of Commodore Oscar Charles Badger, USN, was graduated from the Naval Academy in 1873, and has had a long and distinguished naval career of nearly half a century. He participated in the Greeley relief expedition of 1884. From 1907 to 1909 he was superintendent of the Naval Academy. superintendent of the Naval Academy. After his service as Commander in Chief of the Atlantic Fleet he was ap-Chief of the Atlantic Fleet he was appointed a member of the General Board continuing on active duty in that capacity for nearly six years after his retirement in 1915. He holds the Distinguished Service Medal and a letter from the Secretary of the Navy, saying that "The Navy and your country owe much to the wise council and farsighted planning of the General Board before and during the World War."

Those present at the dinner were

Those present at the dinner were Adm. Badger, Adm. C. F. Hughes, Rear Adm. Samuel McGowan (SC), USN, ret., Rear Adm. J. J. Cheatham (SC), USN, Rear Adm. W. R. Sexton, USN, Capt. L. W. Spratling (MC), USN, Ret., Capt. R D. Gatewood (CC), USN, Ret., Capt. Byron McCandless, USN, Capt. S. C. Hooper. S. C. Hooper.

Maj. Gen. Willard A. Holbrook, USA, ret., had as his recent house guests his brother and sister-in-law, Brig. Gen. Lucius R. Holbrook, USA, and Mrs. Holbrook. Gen. and Mrs. Holbrook were en route to Ft. Hamilton from Ft. Bragg, S. C., for station.

The Adjutant General of the Army

The Adjutant General of the Army and Mrs. Charles H. Bridges will present their nieces, Miss Juliann Yerby and Miss Georgette Yerby, to society at a tea at the Washington Barracks in the early Winter.

The Misses Yerby are in Providence, R. I., and will not come to Washington until next month. Miss Juliann Yerby attended the Lincoln School in Rhode Island, and Miss Georgette Yerby, who is a graduate of Holton Arms, plans to study art this Winter.

During the absence of Maj. Gen. and Mrs. Hugh A. Drum in Europe, Miss Anna Carroll Reaume will be at home at their residence, 1820 Nineteenth street northwest. Miss Elizabeth Osborn, of New York, daughter of Capt. and Mrs. Cuthbert A. Osborn, of Denver, Colo., who has been the guest of Miss Reaume for the past ten days, her returned to New York

Miss Reaume for the past ten days, has returned to New York.

Mrs. William H. Tschappat, wife of the Assistant Chief of Ordnance, entertained at the Wardman Park Hotel

tertained at the Wardman Park Hotel
Oct. 8, the guests of honor being Mrs.
John Monroe, of Frankford Arsenal.
Brig. Gen. and Mrs. Tschappat motored to Baltimore, where they were
the guests of Mrs. F. B. Watson at
dinner Oct. 12.
Gen. and Mrs. William H. Tschappat
have taken an apartment in the Broadmoor, 3601 Connecticut Avenue.
Mrs. Emory S. Land and her mether.

Mrs. Emory S. Land and her mether, Mrs. Dwight Chester, have joined Capt. Land, USN, and have taken an apart-ment at the Mayflower.

Mrs. John A. Barry, wife of Lt. Col.

ing, Lt. and Mrs. S. Y. McGiffert, Lt. and Mrs. H. Y. Grubbs, Mrs. Margaret Houston and Capt. James Notestein.
Col. and Mrs. Charles M. Bundel recently had Capt. and Mrs. W. P. Bledsoe, of San Antonio, Tex., as their house guests for several days.
Col. and Mrs. Leslie J. McNair entertained with dinner at the Officers' Club Saturday, Sept. 27, for 58 guests.
In honor of Mrs. William Coffroth, house guests of Col. and Mrs. Leslie J. McNair, Mrs. Horace McBride entertained at tea. Preceding Mrs. McBride's tea, Mrs. P. E. Shea gave a movie party, having as her guests Mrs. William Coffroth, Mrs. How-(Please turn to Next Page)

Barry, USA, entertained last Sunday evening, Oct. 12, at a delightful supper party. Seated at the table were 20

guests.

Col. Frederick A. Ramsey, USMC, commanding officer of Marine Barracks, Washington Navy Yard, was the guest of the officers of the detachment and their wives at a dinner at the Columbia Country Club Oct 7, on the occasion of Col. Ramsey's promotion to be a colonel. Among those present were Capt. Miller Parsons, USMC, and Mrs. Parsons, Capt. Louis Cukela, USMC, and Mrs. Cukela, 1st Lt. Clinton McLeod, USMC, and Mrs. McLeod, 1st Lt. William Orr, USMC, and Mrs. Orr, and 1st Lt. Frank Hanlon, USMC, and Mrs. Hanlon. and Mrs. Hanlon.

and Mrs. Hanlon.

Mrs. George F. Cottle, wife of Comdr. Cottle, MC, USN, returned to Washington Wednesday, after passing the week-end in New York City.

Comdr. Lucien F. Kimball, USN, and Mrs. Kimball have visiting them Mrs. John P. Daniels, wife of Lt. Daniels, USN, who is stationed in Newport. On Wednesday, Mrs. Kimball held a luncheon for her guest at the Army, Navy, and Marine Corps Country Club. Mrs. Merlyn G. Cook, wife of Capt. Cooke, USN, was present.

Comdr. William H. Connor. MC.

Comdr. William H. Connor, MC, USN, and Mrs. Connor have recently returned from the Thousand Islands, where they were visiting Dr. and Mrs. William Powell.

Comdr. Henry F. Davis, USN, and Mrs. Davis have visiting them this month Mrs. Davis's mother, Mrs. A. F. Grant, of Plainfield, N. J.

Maj. H. C. Allen, USA, and Mrs. Allen have returned to the Capital City from a month's vacation in the New England States and on Lake Cham-

Mrs. Roy H. Coles, wife of Maj. Coles, USA, has as her guests her parents, Mr. and Mrs. E. L. Cothrell, from Indianapolis, Ind., who will remain here about a week. Maj. and Mrs. Coles are planning to attend the Yale-West Point Football. football game at New Haven, Conn., Oct. 25, returning to Washington Oct 26.

Lt. Comdr. Davis Le Treville, USN, and Mrs. De Treville have visiting them at their home in Annapolis, Comdr. De Treville's mother. Last week-end Comdr. and Mrs. Treville and their son, Davis, jr., were the guests of Lt. Comdr. Charles C. Copp, SC, USN in Washington USN, in Washington.

Mrs. Lyle H. Miller, wife of Maj. Lyle H. Miller, USMC, entertained at a luncheon and bridge at the Army-Navy-Marine Corps Country Club.

The tables were attractively deco-rated with Fall flowers arranged in baskets and groups of candelabra.

rated with Fall flowers arranged in baskets and groups of candelabra.

The guests included Mrs. Benjamin H. Fuller, Mrs. Smedley Butler, Mrs. Randolph Berkley, Mrs. John R. Henley, Mrs. James J. Meade, Mrs. Andrew Drumm, Mrs. Clarence E. Nutting, Mrs. R. H. Davis, Mrs. Sidney Raynor, Mrs. C. T. Hull, Mrs. Roy Geiger, Mrs. Harold. Utley, Mrs. Harold Parsons, Mrs. Thomas Watson, Mrs. L. B. Stephenson, Mrs. A. G. White, Mrs. Florida Hall, Mrs. J. F. S. Norris, Mrs. W. G. Hawthorne, Mrs. K. I. Buse, Mrs. Raphael Griffin, Mrs. G. S. Clarke, Mrs. R. W. Peard, Mrs. W. C. Ansel, Mrs. Robert Blake, Mrs. Elmer Hall, Mrs. Hal Potter, Mrs. Edwin D. Miller, Mrs. Blythe Jones, Mrs. C. N. Muldrow, Mrs. L. H. Sanderson, Mrs. Raymond Knapp, Mrs. W. J. Fellers, Mrs. M. G. Holmes, Mrs. Robert Pepper, Mrs. R. E. West, Mrs. F. W. Bennett and Mrs. George Hall, all of Quantico, Va.

Capt. William E. Chickering, USA, and Mrs. Chickering recently returned from their cottage in Ocean City N. J.

and Mrs. Chickering recently returned from their cottage in Ocean City, N. J., where Mrs. Chickering passed the Sum-mer, Capt. Chickering joining her there

Capt. Louis Cukela, USMC, was one of the honor guests at the dinner to the President during the American Le-gion Convention held in Boston last week He was also entertained by week. He was also entertained by Mayor Russell, of Cambridge, Mass., during the meeting. Capt. Cukela holds the Congressional Medal of Honor from the Army and from the Navy.

Mrs. John M. Connor, wife of 1st Lt. Connor, entertained last Saturday at

the Army, Navy, and Marine Corps Country Club in honor of Senor and Senora Silvela, from Madrid, Spain, who were in Washington attending the Sixth International Road Congress,

MRS. D. E. CUMMINS was hostess on Wednesday at a bridge luncheon given in honor of Mrs. L. W. Becker of Baltimore. The guests numbered 15 and auction was played at four tables. An interesting dinner was given Sat-urday night at the Norfolk Country Club preceding the regular week-end dance, the guests being Lt. Comdr. and Mrs. William W. Davies, Lt. Comdr. and Mrs. Jack Maloney, Lt. and Mrs. G. E. Short, Lt. and Mrs. H. C. Lowry and Lt. and Mrs. Lawrence Curtin.

NAVY

MRS. D. E. CUMMINS W

Capt. and Mrs. Erwin Mehlinger entertained informally on Saturday evening at a dinner party given in compliment to Lt. Col. Vogel, commandant of the Marine Barracks at the Naval Operating Base. The guests numbered sixteen.

Another enjoyable dinner party given Saturday night at the Country Club by a group of Navy officers and members of the younger set numbered 12. The officers were Lt. Comdr. C. A. Courtland, Lt. L. D. Rocke and Lt. T. G. Roberts. Lt. and Mrs. H. O. Hammond were hosts on Oct. 11 at an informal dinner given at their home in the Marine Barracks. Covers were laid for Maj. and Mrs. A. D. Rorex and Lt. and Mrs. D. H. Nicholson.

Lt. and Mrs. Samuel E. McCarty en-

Lt. and Mrs. Samuel E. McCarty entertained on Tuesday evening at their home on Brandon Avenue at a bridge dinner. Covers were laid for 17 and auction was played at four tables following the dinner.

lowing the dinner.

Lt. and Mrs. J. N. C. Gordon entertained on Wednesday night at a bridge party. They had as their guests Comdr. and Mrs. Major C. Shirley, Lt. Comdr. and Mrs. Raymond D. Miller and Lt. Comdr. and Mrs. Malcolm W. Callahan.

The ladies' bridge club of the Naval Operating Base held its second meeting at the Base Lyceum on Monday, Oct. 13. Mrs. D. E. Cummins and Mrs. W. B. Lobaugh were hostesses and bridge was played at 13 tables.

Personals

(Continued from Preceding Page)
In accordance to an old Army custom, the 76th Field Artillery at Ft. Francis E. Warren, Wyo., tendered the usual military honor to the newest bride and groom of the regiment Oct. 8, when Lt. and Mrs. Robert L. Brunzell, who have just inited the regiment and when Lt. and Mrs. Robert L. Brunzell, who have just joined the regiment and who were but recently married were hoisted upon a caisson and paraded about the post.

The caisson on which the bride and groom were seated was preceded by the Commander and battery officer of the battery to which Lt. Brunzell is assigned, the massed guidons of the regiment and a band which furnished appropriate music.

The bride, blushing prettily, but undoubtedly pleased at the honor, and the groom stalwart and a bit excited, were surrounded by officers of the 76th Field Artillery with drawn sabres. After conducting them about the post, the young couple, were deposited at their quarters.

Ordnance Development

(Continued from Page 159) of straight wood pulp because of the fineness and bulkiness of this material, it was found necessary to use it in admixture with about an equal weight of cotton linters. Sufficient powder was manufactured from such a mixture to establish definitely that wood pulp used manufactured from such a mixture to establish definitely that wood pulp used in this manner would produce an entirely satisfactory product. The advances of, recent years in the use of highly purified wood pulps in paper form for the manufacture of nitrocellulose products such as celluloid, lacquers, artificial leather, etc., has led to further study of this material in the manufacture of smokeless powder. It is believed quite possible that the structure of the wood cellulose fibers is such that such material will yield a nitrocellulose which can be stabilized more readily and more completely than the product made from cotton fibers. If such is the case, wood pulp may entirely supplant cotton linters even for the peacetime manufacture of smokeless powder. A study of the suitability of various commercial wood pulps in paper form is now in progress on an experimental plant scale at Piepulps in paper form is now in progress on an experimental plant scale at Pic-

atinny Arsenal.
(To be Concluded Next Week)

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ARMY

(Continued from Preceding Page)
FT. SILL, OKLA.
ard Hume, Mrs. Joseph M. Swing, Mrs.
Horace McBride and Mrs. Roscoe Batson.
Maj. and Mrs. Albion Smith gave a
dinner party Oct 4, paying courtesy to
their week-end guests, Capt. and Mrs.
Sidney J. Cutler of Dallas, Tex.
Capt. and Mrs. Martin Barndollar have
had as their guests Mrs. Charles Edwards
of Louisville, Ky., and Mrs. and Mrs. H. W.
Stith of Oklahoma City.
Capt. and Mrs. E. D. Cameron had as
their dinner guests Oct. 4 Maj. and Mrs.
Louis A. LaGarde and Capt. and Mrs.
Boyce M. James.

FT. BENNING, GA. Oct. 16, 1930

LT. GEN. WERNER VON BLOMBERG, German Army, and Col. Kuhlenthal, German Army, were the distinguished guests this week of Brig. Gen. and Mrs. Campbeil King. Last Friday evening Gen. King was host at a stag dinner given in honor of Gen. Von Blomberg and Col. Kuhlenthal at the Polo Club. Gen. King's guests on this occasion were Gen. Von Blomberg. Col. Kuhlenthal. Col. G. Col. K King's guests on this occasion were Gen. Von Blomberg, Col. Kuhlenthal, Col. G. F. Baltzel, Col. Daniel Berry, Col. Krueger, Col. Clarence Manley, Col. Harry Knight, Col. Charles Willard, Col. Duncan Major, Col. Walter Reed, Maj. Dimonof Columbus, Col. George Marshall, Maj. Allen Kingman, Maj. Truman Smith, Maj. Frank Ross and Capt. Von Schell, German Army.

Ross and Capt.

Army.

Miss Barbara King entertained at a bridge party Oct. 13 at her home, to compliment Miss Dorothy Grier, bride-elect of Lt. Claude Burbach.

Col. and Mrs. Joseph Stilwell entertained last Saturday evening at one of the most elaborate parties of the Fall season. Their guests numbered 56.

Mai. and Mrs. Roger Williams enter-

season. Their guests numbered 56.

Maj. and Mrs. Roger Williams entertained at a dinner party Friday evening at the Muscogee Club, the dinner taking place in the private dining room of the club. Covers were laid for 15. After dinner the party attended the dance at the Muscogee Club.

Capt. and Mrs. Russell Baker. were hosts at a dinner party Sunday against

Capt. and Mrs. Russell Baker. were hosts at a dinner party Sunday evening at the Officers' Club, having as their guests of honor Capt. and Mrs. Edward Earle, who are leaving soon for their new station at Honolulu. Covers were laid for 15. After dinner Capt. and Mrs. Baker escorted their guests to the movies at the Post Theater.

Maj. and Mrs. John Thompson entertained at a most enjoyable ride Sunday morning followed by a breakfast at the new Log Cabin at the riding ring, given to honor Maj. and Mrs. A. Z. Arnold, who have recently arrived here for station. There were present approximately 45 guests.

The Benning Garden Club held the first meeting of the 1930-31 scason at the home of the president, Mrs. Campbell King, on Wednesday, Oct. 8. Those present at the first meeting were Mesdames Campbell King, Clarence Manley, Olmar Bradley, Courtney Hodges, Lewis Davidson, Paul Peabody, Frank Ross, Truman Smith, Charles Steel, William Brock, J. Lawton Collins, Stonewall Jackson, Jared Wood, H. J. Matchett, Howard Brimer, H. O. Cushman, C. H. Dickey, Sue M. Ohme and Robert Wallace. The Benning Garden Club held the first

SELFRIDGE FIELD, MICH. Oct. 16, 1930

HONORING her house guests Misses Ruth and Lawrence Thomas, Mrs. C Henry entertained with a bridge-ter her quarters. There were present 20

in her quarters. There were present 20 guests.

Mrs. G. E. Brower was hostess at a luncheon at Mae's Tea Room in Mt. Clemens preceding the ladies' semimonthly bridge, honoring Mrs. Asa Ethridge, who is leaving for Hawaii. Those invited were Mesdames G. H. Brett, H. A. Johnson, J. S. Griffith, C. Miller, V. H. Strahm, A. B. Ballard, J. T. Morris, N. B. Harbold, Geo. Wald, C. R. Fellmann, Out-of-town guests were Mrs. E. M. Sterling, of New York City and Mrs. Lawrence Thomas, of Kentucky.

The officers of Seifridge Field and their wives were the guests Tuesday evening of Mr. Stalling, manager of the production of "Hell's Angels," now being shown at the Shubert Theater, Detroit.

Mrs. G. H. Brett was hostess to five tables of bridge Thursday afternoon in her quarters honoring Mrs. Asa Ethridge. Prizes were won by Mrs. V. H. Strahm, Mrs. N. B. Harbold and Mrs. R. Ott.

FT. MEADE, S. D.

CAPT. JOHN H. HEALY, Cavalry, who was recently assigned to the 4th Cavalry, and who has been on leave of absence, has arrived at this station and has been designated as Adjutant for the 1st Squadron.

Capt. Oscar M. Massey, 4th Cav., accompanied by Mrs. Massey, arrived Oct.
7. Capt. Massey has been on temporary
duty as Personal Adjutant at Camp Perry,

Ohio, during the National Matches.

Maj. and Mrs. Wilson C. von Kessler gave a dinner Oct. 7 The guests were Lt. and Mrs. C. W. Fengin, and Mr. K. J. Kiefef, of Chicago, Ill., a representative of the Wilmont Castle Co., of Rochester, N. V. Who is here in connection with

of the Wilmont Castle Co., of Rochester, N. Y., who is here in connection with the installation of the new sterilizer.

Capt. and Mrs. J. I. Gibbon were host and hostess at a dinner given on Oct. 8. The guests were Capt. and Mrs. C. H. Dayhuff, Lt. and Mrs. George J. Rawling and Lt. and Mrs. Carroll H. B. Bung.

POSTS and STATIONS

WASHINGTON BARRACKS, D. C. Oct. 17, 1930

MAJ. GEN. WILLIAM D. CONNOR, his MAJ. GEN. WILLIAM D. CONNOR, his staff and the faculty of the Army War College officially opened the social season Oct. 10 at a reception and dance to the student officers of the Army, Navy, and Marine Corps of the class of 1930-31. Maj. and Mrs. Edgar F. Haines and Miss Meredith Haines have returned after a pleasant Summer spent in New England.

Col. and Mrs. Ralph W. Kingman, Miss Kathrine and Dan Kingman are at the 84-A Eastiside. Miss Kathrine will make her formal bow to society about Nov. 1 at the Officers' Club.

at the Omcers' Club.

Mrs. Lyman G. Miller, wife of Lt. Miller, USMC, is spending a few weeks here with her mother, Mrs. Wm. P. Kitts.

Mrs. Spencer Knapp, of Los Angeles, Calif., is visiting her brother, Lt. Raymond E. McQuillin, a student at the War College. College.

Mrs. H. W. Blane and Mrs. Credo Har-ris, of Louisville, Ky., have been visiting Maj. and Mrs. S. B. Buckner at their quarters.

Mrs. Leroy P. Hartley, wife of Maj. Hartley, DC, has returned with her two children from a visit to her home in

PRESIDIO OF MONTEREY

Oct. 15, 1930

T. AND MRS. C. E. HUGHES entertained informally at supper recently for Lt. and Mrs. L. H. Wyman and Lt. and Mrs. T. F. Taylor.

Miss Kate Coombs arrived recently to spend several weeks with her nephew, Lt. R. H. Coombs, and Mrs. Coombs.

Dinner guests of Lt. and Mrs. F. P. Miller recently, were Maj. E. J. Dawley and Lt. D. G. Dwyre.

and Lt. D. G. Dwyre.

Capt. and Mrs. J. C. Hughes were hosts recently at a bridge dinner in their quarters. Their guests were Lts. and Mesdames C. E. Hughes, F. P. Miller, L. H. Wyman, T. F. Taylor, L. M. de Riemer and A. E. Harris, the Misses Harriett La-Ppage and Betty Hughes, and Lt. D. G. Dwyre. Prizes were won by Mrs. Wyman, Miss LaPpage and Lt. Harris.

man, Miss LaPpage and Lt. Harris.

Lt. and Mrs. G. E. Wooldige arrived at the Presidio recently and were received at their quarters by a salf-appointed delegation that had been lying in wait for them for some time. The patient waiters were Mrs. T. F. Taylor, Mrs. L. H. Wyman, Miss Harriett La-Ppage, Lt. and Mrs. L. M. de Riemer, Lt. R. H. Donaldson, and Lt. D. G. Dwyre.

Mrs. C. B. Byrd entertained at tea re-cently for Mrs. C. K. Darling, Mrs. L. H. Wyman, Mrs. L. M. de Riemer, and Miss Maurine Bassett of San Antonio,

ex. Lt. and Mrs. C. E. Hughes had as their meant week-end guests, Mrs. Hughes Lt. and Mrs. C. E. Hughes had as their recent week-end guests, Mrs. Hughes parents, Mr. and Mrs. Charles Hipp, of San Francisco, and Mr. and Mrs. Vaughn Mulkey of Oakland.

Capt. and Mrs. R. S. Perrin had as recent dinner guests, Capt. and Mrs. J. C. Hughes, Lt. and Mrs. F. P. Miller, Maj. E. J. Dawley and Lt. R. H. Donaldson.

FT. SAM HOUSTON, TEX. Oct. 15, 1930

BRIG. GEN. AND MRS. S. D. ROCKEN-BRIG. GEN. AND MRS. S. D. ROCKEN-BACH honored their guest, Maj. Gen. Guy V. Henry, Chief of Cavalry, with a dinner at their quarters. Additional guests were Brig. Gen. Holstead Dorey, Col. and Mrs. F. I. Gardner, Col. and Mrs. P. W. Corbushier and Col. and Mrs. Guy Kent.

Maj. and Mrs. Robert J. Halpin entertained with a dinner-dance recently.

Maj. and Mrs. Robert J. Halpin entertained with a dinner-dance recently. Their guests were Brig. Gen. Halstead Dorey, Brig. Gen. Danforth, Cols. and Mesdames George P. Tyner, F. I. Gardner, J. A. Berry, W. A. Prosser, Wm. J. Connolly, E. R. Harris, Majs. Fred L. Martin, C. M. Roberts, and Lts. and Mesdames H. P. Adams and T. V. Foster. Col. and Mrs. Wm. E. Welsh were hosts at a handsomely appointed dinner for Col. and Mrs. E. R. Harris, Col. and Mrs. Bloxham Ward and Mrs. H. D. Coburn.

Mrs. H. P. Adams entertained at lunch-

Mrs. H. P. Adams entertained at luncheon in her quarters for Mesdames C. R. Lehner, Wm. J. Connolly, Paul Berkey and J. G. Howard.
Col. and Mrs. Raymond W. Briggs departed from the post last week for New York, from where they will sail for their new station in Panama. Many parties were given in their honor before their departure.

Col. and Mrs. Harry B. Farrer enter-tained at dinner for Col. C. R. Norton, Walter Cunningham, Lt. and Mrs. Hank Flood and Miss Irena Farrar.

Flood and Miss Irena Farrar.

Capt. and Mrs. G. A. Corbin entertained with a bridge-dinner for Col. and Mrs. Wm. J. Connolly, Lts. and Mesdames Harry Cullins and H. V. Brown.

Mrs. Richard C. Burleson has arrived from Washington, D. C., to join Col. Burleson. They are spending a few days in Monterey, Mexico.

Col. and Mrs. G. McD. Weeks left the past week for their new station in California. They were honored by the officers and ladies of the Ninth Infantry with an elaborate dinner-dance at which Mrs. Weeks was presented with a dozen silver goblets from the regiment.

JEFFERSONVILLE, IND. Oct. 16, 1930.

COL. F. W. VAN DUYNE, commanding officer of the depot, was recently ordered to Springfield, Ohio, for the purpose of investigating serious automobile accident to civilian employes of the Jeffersonville Depot now in the hospital in Springfield.

Col. Albert E. Phillips, USA, was re-cently ordered to Washington, D. C., on temporary duty, for the purpose of con-ferring with the Office of the Quarter-master General and the Office of the Chief of Field Artillery on the subject of Artillery Pack Saddles. Capt. Lee W. Card and Mrs. Card en-tertained with a dinner Friday night of

Artillery Pack Saddles.

Capt. Lee W. Card and Mrs. Card entertained with a dinner Friday night at their home on East Court Avenue. Places were set for eight, and after the dinner informal auction bridge was played. Guests of Capt. and Mrs. Card were Col. F. W. Van Duyne, Maj. James R. Hill and Mrs. Hill, Capt. George F. Spann and Mrs. Spann, and Miss Mary Van Duyne. Prizes were awarded to Col. Van Duyne, Mrs. Hill and Mrs. Spann.

Col. Albert E. Phillips and Mrs. Philips will great their friends in the future at their new home in the Sans-Souci

at their new home in the Sans-Souci Apartments, Third and Brandeis Streets, Louisville.

Capt. Simon Jacobson, war-planning of-ficer, left the depot Oct. 6 on an indus-trial survey trip. He will visit the fol-lowing Indiana cities: Canelton, Tell City, Jasper, Evansville, Vincennes, Terre

Haute and Anderson.

Congressman Maurice H. Thatcher, of Louisville, was the principal speaker at the first Fall meeting of the Falls Cities Chapter, Quartermaster Association, Friday night, Oct. 10.

FT. EUSTIS, VA. Oct. 16, 1930

AND MRS. DANIEL VAN VOOR-HIS have arrived on the post and are occupying Bailey Farm on the James River. Col. Van Voorhis will command the mechanized force which is being organized here.

Mrs. A. T. Smith returned last week from a series of visits in Baltimore.

Mrs. A. I. Smith returned last week from a series of visits in Baltimore, Washington and Warrenton, Va.

Members of the Officers' Club met in the club auditorium on Monday evening. to discuss plans for the season and elect new officers. Col. Daniel Van Voorhis

the club auditorium on Monday evening. to discuss plans for the season and elect new officers. Col. Daniel Van Voorhis was elected chairman of the board of directors. Lt. Charles T. Arnet was named secretary and treasurer.

A reception and dance, the first of the season, was held Oct. 17. On Oct. 31 there will be a Hallowe'en costume dance. Capt. and Mrs. James P. Lloyd have arrived on the post and are occupying Quarters 602 N. Capt. Lloyd is assigned to the 34th Infantry for duty.

Capt. Walter C. Rathbone, who was recently assigned to the 34th Infantry, has arrived and is at Quarters 501-9 in the bachelor building.

Col. and Mrs. A. T. Smith entertained at dinner, Oct. 10, having as their guests several newcomers to the post, Col. and Mrs. Daniel Van Voorhis, Lt. Col. and Mrs. Daniel Van Voorhis, Lt. Col. and Mrs. Serene E. Brett, also the new commandant of the Navy Mine Depot, Capt. Burton Green and Mrs. Green.

Miss Eleanor Jones, with several of her college mates from the College of William and Mary, motored recently to Washington and to Annapolis, where they were guests of Miss Suzanne Swift. They attended the Navy-William and Mary football game on Saturday afternoon and the dance that evening, returning to Williamsburg on Sunday.

Washington and to Annapolis, where they were guests of Miss Suzanne Swift. They attended the Navy-William and Mary football game on Saturday afternoon and the dance that evening, returning to Williamsburg on Sunday.

Mr. A. T. Smith entertained the ladies of her regiment, the 34th Infantry, at tea on Thursday afternoon.

Mr. and Mrs. Luther P. Maxey, who have been guests of Maj, and Mrs. Herman S. Rush and Mrs. Weed for several weeks, have returned by motor to their home in Cave City, Ky.

Maj. and Mrs. Otis L. Graham and daughter, Jean, have returned to the post after a delightful motor trip and visit in Canada. They were guests of relatives in Strathrey, Ontario. Maj. Graham passed two weeks on temporary duty at Camp Perry, Ohio, during his absence from the post.

Col. and Mrs. A. T. Smith were among the guests at the dinner given on Saturday evening, by Mr. and Mrs. Archibald McGrea, at Carter's Grove.

Major and Mrs. Frederick C. Phelps have with them for the Winter, Mrs. Phelps' mother, Mrs. Wills of Suffolk, Va.

Miss Eleanor Jones and Miss Helen

Va.

Miss Eleanor Jones and Miss Helen
Singer, who are students at the College
of William and Mary at Williamsburg,
were among the guests at a sorority banquet given on Monday evening by all the quet given on Monday evening by all the sororities of the college at the end of the rush season. Both Miss Jones and Miss Singer have joined sororities, Miss Jones becoming a member of Kappa Kappa Gamma. Lt. Charles T. Arnett motored to New

Lt. Charles T. Arnett motored to New York recently to join Mrs. Arnett for a visit to relatives. They expect to pass a few days in Washington before re-turning to the post. Lt. Samuel G. Conley has joined Mrs. Conley and their daughter, Alice, in Washington, where they have been guests of Mrs. Conley's parents for several weeks.

HOLABIRD QUARTERMASTER DEPOT

Col. AND MRS. EDGAR S. STAYER COL. AND MRS. EDGAR S. STAYER entertained with a dinner in their quarters Oct. 9 in honor of Capt. and Mrs. Edward H. Besse, and Capt. and Mrs. Roland T. Fenton.

Mrs. Edwin S. Van Deusen, Mrs. H. S. Wright and Mrs. Walter T. Wilsey were hostesses at a mixed bridge held at the Officers' Club Friday evening, Oct. 10, Prizes for high scores were awarded Mrs.

John H. Holder, Mrs. Ralph H. Sievers, Capt. C. W. Richmond, and Capt. Austin

Capt. C. W. Richmond, and Capt. Austin W. Lee.
Mrs. L. McL. Wilson, Mr. and Mrs. Lewis W. Reader, and Mrs. Stanley Rhodenbow, of Easten, Pa., were the recent house guests of Lt. and Mrs. Alfred B. Denniston.
Mr. and Mrs. W. T. Harris and Mr. James Harris, of Buffalo, N. Y., are the house guests of Lt. and Mrs. Willis C. Conover.

Conover.

Miss Elizabeth Elliot, of Thornwall, N.
C., and Maj. Gouverneur H. Boyer, of Ft.
Bragg, N. C., were the recent house guests
of Lt. and Mrs. L. E. W. Lepper.
Miss Dorothy Coulter, of Roanoke, Va.,
is the house guest of Lt. and Mrs. Alfred
B. Denniston.

Dennistor

Mrs. J. T. Newkirk, Mrs. A. T. Newkirk, and Miss Harriet A. Newkirk, of Newark, N. J., are visiting Capt. and Mrs. Edwin S. Van Deusen.

JEFFERSON BARRACKS, MO. Oct. 16, 1930

MRS. HENRY S. COLE was hostess at M. R.S. HENRY S. COLE was hostess at a luncheon followed by bridge, Thursday afternoon, honoring her daughter, Mrs. J. C. Beyars of Washington, D. C., who has been her guest for the past month. Her guests numbered 18.

Miss Betty Fillebrown departed last week for her home in Philadelphia, Pa., after a visit on the post as the guest of her sister, Mrs. Arthur R. Underwood.

wood.
Lt. and Mrs. Logan Clarke have as
their house guest Mrs. Clarke's mother,
Mrs. Noble C. Banks of Detroit, Mich.

Mrs. Noble C. Banks of Detroit, Mich.
Mrs. Aubrey J. Bassett entertained a
number of her St. Louis friends at a
luncheon recently. Covers were laid for
Mrs. L. M. Johnson, Mrs. H. W. Grassman, Miss Doris Grassman, Mrs. John
Boyle and C. W. Wright.
Mrs. Welborn B. Griffith has returned
from Ft. Leavonworth Kons, where she

Boyle and C. W. Wright.

Mrs. Welborn B. Griffith has returned from Ft. Leavonworth, Kans., where she has been visiting her parents, Maj. and Mrs. Daniel H. Torrey.

Capt. and Mrs. Edwin W. Grimer entertained at a bridge supper at their quarters, Oct. 6. Their guests were: Maj. and Mrs. Daniel Smith of St. Louis, Capt. and Mrs. Richard M. Sandusky, and Lt. and Mrs. Edwin M. Sutherland.

Lt. and Mrs. Charles C. Higgins were hosts at an informal dinner at their quarters, Oct. 9, having as their guests Mr. and Mrs. Edgar A. P. Briney, Mr. and Mrs. Kip Briney, and Miss June

Mrs. R. Kip Briney, and Miss Ju Briney, all relatives of Lt. Higgins. Capt. Raymond I. Lovell has return from a month's leave of absense spent Akron, Ohio, and Washington, D. C. M. Lovell and her small daughter, Patricia, are still in the East and will return to

the post later in the month.

Chap. and Mrs. Edward L. Trett have as their guests over the week-end, Mrs. Trett's mother, Mrs. Harry Johnson of Taylorville, Ill., and aunt, Mrs. Edward Wick of Chicago, Ill.

FT. WAYNE, MICH. Oct. 15, 1930

MRS. F. H. BOOS entertained at bridge recently for Mesdames Shaw, Houston, Knudsen, Anderson, Haskins, Soderholm, Gooler, Nesbit, Beattie, Gorton, Renth, and Miss Shaw. High scores were held by Mrs. Knudsen and Mrs. Anderson

capt. and Mrs. P. S. Campbell are new arrivals on the post and are living in Quarters 2.

Quarters 2.

The Officers' Club was the scene recently of a most enjoyable supper followed by bridge and dancing. All the members of the garrison attended. Those acting as hostesses for the evening were Mesdames Haskins, Anderson, Nesbit and

Capt. and Mrs., H. S. Farish have gone Washington, D. C., where Mrs. Farish ill enter Walter Reed Hospital for treatment.

Maj. and Mrs. J. W. Bagley and family ave returned from Vermont, where they

have returned from Vermont, where they spent the Summer.

John Beuret, Frederick Shaw, and Sam Bagley all left for Ann Arbor during the week to enter the University of Michigan. Miss Barabara Shaw, who was a student there last year, has also returned to resume her studies.

Mrs. H. L. Peckham arrived from Cleveland, Ohio, to be the guest of her parents, Col. and Mrs. F. B. Shaw, while Lt. Peckham is on an inspection tour.

Lt. and Mrs. F. H. Boos left on leave for their home in Wisconsin, before sailing from New York, Dec. 5, for the Hawaiian Islands.

ing from New York, Dec. 5, for Hawaiian Islands.

Absent since early in May, Compase, F, G and H recently returned to

E. F. G and H recently returned to the post from Summer camp duties at Ft. Sheridan and Camp Custer. Their return was the occasion for a dinner and bridgedance at the Officers' Club recently at which 44 officers and ladies were present. The first of the semi-monthly bridge parties was held at the club, Oct. 3. Under a new rule, as many cash prizes will be awarded as tables are played, these on

a scale-down basis.

Lt. and Mrs. M. H. Gooler were hosts at a bridge party recently, attended by

(Please turn to Next Page)

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Marine Corps Orders

Maj. N. C. Bates, detached Staff of Scouting Fleet, USS Wyoming, to Department of the Pacific.

partment of the Pacific.

Maj. N. A. Eastman, detached MB, Norfoil· NYd, Portsmouth, Va., and ordered
to home, retired as of Feb. 1, 1931.
j. J. P. Willcox, detached Headquarters Western Recruiting Division, San
Francisco, Calif., to Department of the
Pacific.

Capt. J. M. Swinnerton, assigned addi-onal duty as Officer in Charge, West-rn Recruiting Division, San Francisco, tional

Capt. W. K. Snyder, orders to MB, Nor-folk NYd, Portsmouth, Va., modified to MB, NYd, Portsmouth, N. H.

MB, NYd, Portsmouth, N. H.

1st Lt. C. H. Hassenmiller, detached Headquarters Marine Corps, Washington, D. C., and ordered to his home. Retired as of Feb. 1, 1930.

Chf. Qm. Clk. O. E. Gutmann, detached Headquarters Marine Corps, Washington, D. C., to Garde d'Haiti, via the USS Kittery, scheduled to sail from Hampton Roads, Va., on or about Nov. 5.

Oct. 11, 1930

No changes were announced.

No changes were announced.

No changes were announced.

Oct. 13, 1930

1st Lt. H. T. Nicholas, detached Nicaraguan National Guard Detachment, to Second Brigade, Nicaragua.

2nd Lt. J. C. Burger, on or about Oct.

31 detached MD, USS Utah, to MB, Norfolk Navy Yard, Portsmouth, Va.

2nd Lt. Gordon Cone, died on Oct. 10.

2nd Lt. B. F. Keiser, Ir. assigned to 2nd Lt. B. F. Kaiser, Jr., assigned to duty at MCB, NOB, San Diego, Calif.

duty at MCB, NOB, San Diego, Calif.

Capt. Francis Fisk, assigned to duty at
MCB, NOB, San Diego, Calif.

Capt. E. B. Moore, detached MCB.
NOB, San Diego, Calif., to MB, Puget
Sound NYd, Bremerton, Wash.

Capt. J. M. Arthur, assigned to duty
with the Fourth Regiment, Shanghai,
China.

1st Lt. S. S. Ballentine, assigned to duty with the Fourth Regiment, Shanghai,

1st Lt. A. W. Ellis, assigned to duty with the Fourth Regiment, Shanghai,

1st Lt. J. L. Moody, Jr., detached MD, AL, Peiping, China, to Fourth Regiment, Shanghai, China.
1st Lt. H. B. Alban, died on Oct. 11.

1st Lt. Leo Healey, detached Second Brigade, Nicaragua, to Nicarauguan Na-tional Guard Detachment.

2nd Lt. Clarence J. O'Donnell, detached MB, NYd, Philadelphia, Pa., to MB, NYd, Portsmouth, N. H.

Portsmouth, N. H.

Chf. Qm. Clk. E. F.Connor, appointed a Chief Quartermaster Clerk on Oct. 8.

Oct. 15, 1930

Maj. F. S. N. Erskine, det. MB, Puget Sound, NYd, Bremerton, Wash., to MB, Quantico, Va., via the USS Sapelo, scheduled to sail from Puget Sound on or about Nov. 28, 1930.

Maj. J. L. Underhill, det. MB. Quantico, Va., to MB, NYd, Mare Island, Calif., via. the USS Chaumont, scheduled to sail from Hampton Roads, Va., on or about Nov. 20, 1930.

1st Lt. W. W. Davidson, on Oct. 15 det.

20, 1930.

1st Lt. W. W. Davidson, on Oct. 15 det. Headquarters Marine Corps, Washington, D. C., to 2nd Brigade, Nicaragua, via the USS Vega, scheduled to sail from Hampton Roads, Va., on or about Nov. 3, 1930.

1st Lt. H. L. Litzenberg, jr., on reporting of his relief det. MD, USS Arizona, to MB, Norfolk NYd, Portsmouth, Va.

2nd Lt. I. M. Bethel, det. MB, Puget Sound NYd, Bremerton, Wash., to MD, USS Nevada to report on board on Nov.

2nd Lt. J. C. Burger, ords. to MB, Nor-folk NYd, Portsmouth, Va., modified to MD, USS Arizona. 2nd Lt. W. E. Griffith, on reporting of releif det. MD, USS Nevada, to Dept. of the Pacific.

the Pacific.

Chf. Qm. W. E. Yaecker, assigned to duty at MB, NYd, Mare Island, Calif.

Oct. 17, 1930

The following changes are announced: Capt. E. L. Russell, detached Nicaraguan National Guard Detachment, to Second Brigade, Nicaragua.

1st Lt. F. E. Sessions, Jr., detached MB, NYd, New York, N. Y., to MB, NS, Guam, via the USS Chaumont, scheduled to sail from Hampton Roads, Va., on or about Nov. 20.

1st Lt. P. B. Watson, detached MCB, NOB, San Diego, Calif., to Headquarters Department of the Pacific, San Francisco, Calif.

co, Calif.
Chf. Mar. Gnr. Martin Mickey, detached Second Brigade, Nicaragua, to MB, NYd, Philadelphia, Pa., via first available Government conveyance.

Col. Bigelow's House Saved

San Diego, Calif.—Officers and men of the naval radio compass station at Imperial Beach have been thanked by Col. M. O. Bigelow USA, ret., for prompt action in saving Col. Bigelow's house at Imperial Beach from burning.

The fire broke out about 7 a. m.,
Sept. 26 and was extinguished by a

Sept. 26, and was extinguished by a force of five from the compass station, who responded to a telephone call for aid from Col. Bigelow's residence, the report states.

Sixth Corps Area

ELABORATE plans are being made for a farewell luncheon to be given to Gen. Charles P. Summerall, Chief of Staff of the Army, at the Stevens Hotel, Oct. 22, which will be joined in by officials and patriotic and civic organizations of Chicago and the 6th Corps Area (Illinois, Michigan and Wisconsin). The luncheon will be under the joint auspices of the 6th Corps Area of the Army and the Chicago Association of Commerce. The following organizations have united in the invitation for the luncheon: The Regular Army, National Guard, and Organized Army, National Guard, and Organized Reserves of the 6th Corps Area, the mayor and government of the city of Chicago, the American Legion, the Century of Progress, the Chicago Association of Commerce, the Grand Army of the Republic, the Military Order of the Loyal Legion, the Rotary Club of Chicago and the Spanish War Veterans. Club of Chica War Veterans.

War Veterans.
Governors Louis L. Emmerson of Illinois, Fred W. Green of Michigan and Walter J. Kohler of Wisconsin, will represent their respective States and, with other distinguished personages, will join in doing honor to the retiring Chief of Staff, who, during the past four years, has been military head and manager of the vast machinery pertaining to the maintenance of an adequate national defense. adequate national defense.

Nicaraguan Award

NAVAL officers and enlisted men who served in Nicaragua and with the Special Service Squadron from 1927 to Special Service Squadron from 1927 to date have been awarded decorations by the President of Nicaragua, President J. M. Moncada, for "services in assisting the Government of Nicaragua in re-establishing law and order in the conduct and supervision of a National election and in the maintenance of

The medal is of bronze suspended by a navy blue ribbon. On the face ap-pears the Nicaraguan seal, the liberty cap and the five volcanoes of Nicara-

Two rear admirals, U. S. Navy, who commanded the Special Service Squadcommanded the Special Service Squad-ron during that period, have been awarded Presidential Medals of Merit of Nicaragua "for outstanding and meritorious service rendered to Nica-ragua beyond that called for in the ordinary routine of duty." The ad-mirals are: mirals are:

Rear Adm. David F. Sellers, USN, Judge Advocate General of the Navy.

Rear Adm. Julian L. Latimer, USN, ret.

Twenty-four naval officers and 13 en-listed men have been awarded Nica-raguan Medals of Merit and silver stars. Following is a list of the officers and men:

Rear Adm. E. H. Campbell, Rear Adm. J. L. Latimer, USN,

Rear Adm. D. F. Sellers, USN.
Capt. H. A. Baldridge, USN.
Capt. Hayne Ellis, USN.
Capt. R. G. Heiner, MC, USN.
Capt. C. H. Woodward, USN.
Comdr. C. M. Austin, USN.
Lt. Comdr. T. R. Cooley, USN.
Lt. Comdr. B. P. Davis, MC,

Lt. Comdr. A. H. Dearing, MC,

Lt. Comdr. O. W. Grisier, MC.

Lt. Comdr. E. J. Moran, USN. Lt. Comdr. J. F. Neuberger, MC, USN

Lt. W. P. Dey, MC, USN. Lt. Dwight Dickinson, Jr., MC, USN.

Lt. R. H. Hillenkoetter, USN.
Lt. W. T. Minnick, MC, USN.
Lt. J. B. O'Neill, MC, USN.
Lt. C. N. Smith, MC, USN.
Lt. (jg) B. R. Bradley, MC,

Lt. (jg) J. L. Purcell, DC, USN. Lt. (jg) C. L. Carpenter, USN. Chf. Phar. D. J. O'Brien, USN. L. H. Alexander, Ph. M. 2cl. W. C. Caie, ex-Ph. M. 3cl. G. P. Cheshire, Ph. M. 3cl.

G. P. Cheshire, Ph. M. 3cl.
H. D. Chandler, Ph. M. 2cl.
L. M. Chirnside, Hosp. Ap. 1cl.
E. Johnson, Ph. M. 2cl.
T. J. Kirsch, Ph. M. 1cl.
H. L. Maddux, Ph. M. 1cl.
L. H. McEwan, Ph. M. 2cl.
A. L. Roberson, Ph. M. 3cl.
H. A. Rooney, Ph. M. 2cl.
G. B. Worthington, Ph. M. 1cl.
O. L. Young, Ph. M. 1cl.



WHEN FOOD SOURS · · ·

Sweeten the Stomach instantly

About two hours after eating many people suffer from sour stomachs. They call it indigestion. It means that the stomach nerves have been over-stimulated. There is excess acid. The way to correct it is with an alkali, which neutralizes many times its volume in acid.

The right way is Phillips' Milk of Magnesia—just a tasteless liquid; pleasant, efficient and harmless. But it kills excess acids. It has remained the standard with phy-

sicians for more than 50 years. It is the quick method. Results come almost instantly. It is the approved method. You will never use another when you know.

Be sure to get genuine Phillips' Milk of Magnesia prescribed by physicians for over fifty years in correcting excess acids. 25c and 50c bottles—any drugstore. The genuine is always a liquid—never made in tablet form. Look for the name Phillips' on wrapper and bottle.

Light Cruiser No. 38

LIGHT CRUISER NO. 38, one of the two remaining 10,000-ton, 8-inch gun cruisers on which construction may commence prior to 1933 under terms of the London Treaty, will be built by the Navy Yard, Mare Island, Calif.

Plans for the cruiser, which is as yet unnamed, will be forwarded imme-diately to Mare Island from the Navy's central drafting office at the Navy Yard, New York. Appropriations for the assembly of material incident to laying the keel have been allotted the Mare Island yard by the Navy Department.

Light Cruiser No. 38 is the first cruiser to be started in the second block of five authorized in the 15-cruiser program of Feb. 13, 1929.

Of this second block, only Light Cruisers Nos. 37 and 38 may be started prior to 1933. The keels of the remaining three of this block may be laid down by London Treaty terms in 1933, 1934 and 1935. The third block of five in the 15-cruiser program was of five in the 15-cruiser program was eliminated by the terms of the London Treaty, which allowed the United States 180,000 tons of 8-inch gun cruisers. This allowance will be filled upon the completion of the second block of five.

Following is the present status of ne Navy's 10,000-ton 8-inch gun cruisers:

Built: Salt Lake City, Pensacola, Chester, Houston, Northampton. (Authorized Dec. 18, 1924).
Building: Louisville, Chicago, Augusta. (Authorized Dec. 18, 1924).
Portland, Indianapolis, New Orleans, Astoria, Minneapolis, Light Cruiser No. 38. (Authorized Feb. 13, 1929).
Authorized: Light Cruisers Nos.

Feb. 13, 1929).

Authorized: Light Cruisers Nos. 37, 39, 40, 41. (Nos. 39, 40 and 41 may be laid down in 1933, 1934 and 1935 respectively, and completed in 1936, 1937 and 1938).

The act authorizing Light Cruiser No. 38 set her limit of cost at \$17,000,000.

Posts And Stations

FT. WAYNE, MICH.
(Continued from Freceding Page)
Col and Mrs. F. B. Shaw and daughter,
Mrs. Howard Peckham of Cleveland, Ohio;
Capt. and Mrs. Ralph Hall, Capt. and
Mrs. N. L. Soderholm, Capt. and Mrs.
K. S. Anderson, Capt. and Mrs. R. L
Nesbit, and Capt Joseph W. Bollenbeck.

FT. ETHAN ALLEN, VT.
Oct. 14, 1930

WEDNESDAY evening was a gala
night for the post. Starting with a
dinner at 7:15 p. m., at the Officers'
Club, it ended with a reception and dance
at the Ethan Allen Hall. In the receiving line were Col. Burnett, Maj. and Mrs.
Hayes, Capt. and Mrs. Sanderson, Lt. and
Mrs. Watrous, all newcomers to the post.
Among the guests of the garrison were

Mrs. Watrous, all newcomers to the post.
Among the guests of the garrison were
Brig. Gen. and Mrs. Starbird, Col. and
Mrs. Black, Maj. and Mrs. Edgerly, Capt.
and Mrs. Lauer, and Lt. Tomlinson.
Brig. Gen. Lucius Holbrook was the
dinner guest of Capt. and Mrs. Jonathan
Hunt, Friday evening; others invited to
attend were Col. Hand, Maj. Hardenbergh, Maj. Hayes, Capt. Sabini, and Capt.
Gallier.

A reception and dance in honor of Gen. Holbrook was held in the Etahn Allen Hall Saturday evening, Oct. 11, at 9:00

Gen. Hof's Speech

(Following is the speech made by Maj. Gen. Samuel Hof, Chief of Ordnance, at the annual meeting of Army Ordnance Association.)
Mr. President—Gentlemen:

It is indeed fitting that as we gather for this twelfth annual meeting of the Army Ordnance Associa-

ing of the Army Ordnance Association we should pay a tribute of affection and esteem to my able predecessor, Gen. Williams.

As you all know Gen. Williams retired on April 1, after the fulfillment of 40 years active service and the accomplishment of a great task, the task of guiding the munitions effort of this nation through some of the most critical years of its history.

critical years of its history.

It was my good fortune to have been closely associated with him for many years, and the years we were together constitutes for me a pleasant memory. During the World War, when he was appointed to the position of Chief of Ordnance, I was happy because I knew that in him the Department would have a leader in whom it could repose the utmost confidence, and because I knew, too, that under him the Department would meet with intelligence and understanding the problems that confronted it.

Mastered Problems

Mastered Problems

Many of you gentlemen who are here tonight know Gen. Williams and know of his work. You know with what masterly skill and ease he executed the difficult tasks which were assigned to him. Many of you aided him in his efforts to accomplish these results and I know that I am expressing your feelings, as well as my own, when I say that we cherish the memory of our association with him.

Gen. Williams is now nominally as

association with him.

Gen. Williams is now nominally a "retired officer." In any real sense of the term, he can never be a "retired" officer. I know that as long as it is given him to be active in mind and body, his interests will remain aggressively with the Ordnance Department. I shall look forward to the continued benefit of his matured opinions and wise counsel. I trust that many years of useful and active life remain before him, both for his own sake and for the sake of the government he has served so well.

As his successor, I realize that the

As his successor, I realize that the task before me is rendered more difficult because of the standard he set. So, tonight, I ask you who have so loyally aided him, for your support—your cooperation—in order that the work of industrial preparedness, for which the Army Ordnance Association stands, may be carried on.

Looks To Future

While for a moment we look back on work well done, we must also forecast the future—note the work still ahead of us and plan the efforts which we must make in order that the swift pace of modern industry shall not pass us by, and that the rapidly developing scenes of the international drama shall not find us inattentive.

From its first year, the Army Ord-nance Association has devoted its ef-forts to the perpetuation and preservation in this country of the art of muni-tions-making. Seeing the complete stagnation which faced the munitions

(Please turn to Back Page)

Letters to Editor

Send your views on pay, promotion and other vital subjects to the Editor, Army and Navy Journal, 1800 E Street N. W. Washington, D. C.
All letters intended for publication should be accompanied by the name and address of the writer, not necessarily for pub-

by the name and address of the writer, not necessarily for publication, but as a proof of good faith. If the writer desires to omit his name when the letter is published, he should so state. Letters printed in this column represent the views of the writer and publication herein does not imply endorsement by the Army

imply endorsement by the Army and Navy Journal.

"TRY AND GET IT"

Editor, Army and Navy Journal:

REFERENCE is made to the ad-REFERENCE is made to the advanced suggestion contained in a past issue of the Army and Navy Journal about a disability retirement law beneficial to certain enlisted men. In your issue dated Aug 30, 1930, "A Old Timer" asks us all to "Get Busy What a laugh we all get out of that phrase "Get Busy." I ask, in all candor, just what, outside of mutiny, would convince anyone that enlisted men are very necessary in the general scheme of things to the peace and safety of these United States, and as such are justly entitled to a little consideration after many long years of military

To be sure the enlisted men should have such a bill. But with the commis-sioned personnel of all five services at the present time all trying to pry a decent living wage from the Govern-ment (with very little success so far) what chance have the entirely unorgan-ized enlisted men of being able to get justice now, or any other time for that

Evidently a great many in the ranks think that all they have to do to make Congress sit up and take notice is to write a lot of "sob stuff" to whatever publication is silly or sentimental enough to dignify same by printing it and lo and behold "Uncle Sammy" will sound off "come and get it."

"Try and get it" is the more appro-

"Try and get it" is the more appropriate phrase, to my way of thinking for anything that would really tend to elevate the morale of the enlisted man. Some of our well known legislators in Washington should be present sometime when clothing is being issued to enlisted men by the quartermaster and hear some of the uncomplimentary remarks passed out by the recipients of some of the stuff the Government cails a uniform, and what is called something else entirely different by the man who else entirely different by the man who has to wear it.

However, "Old Timer," don't let me discourage you. Let's let Washington do it—it will—if you understand what I mean. "Believe It Or Not."

Tech. Sgt., QMC.

THE "NEW ARMY" Editor, Army and Navy Journal:

ATTACH hereto clipping from "Recruiting News," Vol. XII, of Sept. 15, 1930, which I submit as the answer to "What's Wrong With the

(The clipping relates the rise of Willis K. Whichard to the grade of master sergeant on his first enlist-

Without any attempt to minimize the capabilities of Sgt. Whichard, one fact stands out clearly, viz; if he fully merits the rank to which promoted, then the Army, including the commissioned grades, is by far too limited as a field for his career. If experience a field for his career. If experience counts for anything (and no one will argue it does not) the Army as an institution, is no exception and Sgt. Whichard has by his rapid advancement been deprived of this valuable asset. The higher education, though desirable in all walks of life because it affords greater pleasure from living and makes possible the delivery of a more effective blow, is not required for the performance of the duties required

Samuel T. Ansell

Attorney at Law

Transportation Building, 17th and "H" Streets, Washington, D. C.

Attention to legal matters of all the Services, including the Set-tlements of Estates and Claims.

of non-commissioned officers in this man's Army, regardless of the grade to which promoted.

The Army is, perhaps of necessity, rather hard-boiled institution, through which young men sometimes pass, on their way from mediocrity to the plains of higher fields; but to those old timers, who have seen many years of service and in the school of hard knocks fitted themselves for any and all duties of the soldier, it is neither conducive to better morale nor cal-culated to prove attractive to recruits to hold up the case of Sgt. Whichard to the service as an advertising feature.

In the old Army, faithful and effici-ent service was a first requisite rather regulations governing promotion to the old post non-commissioned staff, published in the old Blue Book, leave no doubt as to this practice. To hold up the case of Sgt. Whichard as an inducement to recruiting is neither profitable to that service por productive of itable to that service nor productive of that "Espirit de corps" to be desired in the military service. To the re-cruit it pictures an end of the dream within the first enlistment; to the old soldier it pictures doubt of the value soldier it pictures doubt of the value of his own service and doubt as to the sincerity of those in authority over him. Rather let us hold out to the recruit, as well as to the service, generally, an advertisement of the military service, fully in keeping with the sentiment prevalent in other walks of less that new promotion and the honlfe; that pay, promotion and the honors that accompany both, come as a result of and are commensurate, each with the rest, and are commensurate, each with the rest, and are to be looked upon as coming as a reward for the years of experience and efficient service rendered. This will afford reasonable promise to the recruit and be a matter of just and honest pride for the old-timer. the old-timer.

It is inevitable that, due to the expansion and re-organization, made necessary by the late war, there should prevail a sentiment that we have a so-called "New Army." As a matter of fact there is no new Army, it is only "Different" and I submit this as a possible explanation of some of the "Difference."

Tech Set. OMC.

Tech Sgt. QMC.

REP. HOFFMAN'S PLAN

Editor, Army and Navy Journal: IN AN article appearing in your issue of Aug. 16, ably written by the Hon. arold G. Hoffman, member of Congress from New Jersey, commenting upon the fact that equal opportunity for wartime promotion was not afforded all officers of the Army, and that the ones less fortunately located would receive no recognition whatever for their wartime service while their classmates and juniors more fortunately lo-cated during the World War have been promoted to their wartime rank under recent legislation, this paragraph ap-

"In some of the smaller Corps of the Army like the ordnance, officers were promoted three grades. In the larger combatant Arms officers years senior to them had much slower promotion and, except in a comparatively few cases, were promoted only one or two ranks during the World War. It is this second group that is not attain-ing their wartime rank by the rea on of the normal course of promotion on account of service on the active list. They will receive no recognition what-They will receive no recognition what-ever for their wartime service when finally retired for age or for disabil-ity. Would it not be simple justice to equalize matters by giving recog-nition to these officers by promoting them one additional rank upon retire-ment?"

It would. In connection with another It would. In connection with another article appearing in the Journal which points out that the only reward of the Regular officers to date for their war time services has been 11 per cent increase in pay; 87 per cent increase in their cost of living. Yet there are some so dense as to proclaim from the housetops that Regular Army officers advagate war on account of the ficers advocate war on account of the material advantages they derive there-from. 11 per cent in pay; 87 per cent increase in expenses. This was not increase in expenses. This was not considered a material advantage where I went to school. It would be interesting to know what school, if any, our vocifierous non-friends attended. I will quote two cases from the Army Register of 1930, which fully

bears out Congressman Hoffman's con-tention; both officers were awarded the Distinguished Service Medal:

One Officer Cadet USMA, 1900. 2nd Lieutenant, Infantry, June 15, 1904. 1st Lieutenant, Infantry, March 11,

Captain, Infantry, July 1, 1916. Major, Infantry, Aug. 5, 1917 (tem-

orary). Lt. Colonel, Infantry, Sept. 17, 1918. Demoted, Feb. 19, 1920.

Other Officer

2nd Lieutenant, QMC, June 3, 1916. (Temp.) Maj., QMC, Nov. 15, 1917. (Temp.) Lt. Col., QMC, Sept. 9, 1918. (Temp.) Colonel, QMC, May 5, 1919. Demoted, June 30, 1920.

Under the legislation promoting of-ficers to their wartime rank upon retirement, the one is promoted to col-onel, the other has attained his war-time rank of lieutenant colonel. The one was jumped from 2nd lieutenant to major right on the start, it being a Staff Corps and not a combatant Arm of the Service. There are many cases such as these which show that officers of the Combatant Arms did not have an equal opportunity for wartime pro-motion. It is this discrimination that motion. It is this disc should be adjusted now.

Very truly yours,

Officer.

NON-COM'S PAY Editor, Army and Navy Journal:

WITH the time approaching when W Congress will convene, both offi-cers and enlisted men are hoping that favorable action will be taken on the

question of adequate

Much has been justly said and written of the inequalities existing in the Act of June 10, 1922, concerning the commissioned personnel. Such is equally true with regard to the base pay of the second and third grades in relation of that of Master Sergeant.

The rather hastly revised pay bill

The rather hastily revised pay bill of 1922 fixed the base pay of Master Sergeant at \$126.00—\$42.00 more per month than that of the second grade, month than that of the second grade, Technical or First Sergeant. The recommendations of the Joint Pay Board as published in the Army and Navy Journal, Aug. 3, 1929, would further increase the difference in pay between these two grades. Technical Sergeants, the majority of whom belong to the staff branches and who are appointed as a result of written, companying the staff of the appointed as a result of written, com-petitive examinations, held under the direction of the Chiefs of Branches, and the First Sergeants, who have im-mediate charge of all routine matter pertaining to their organizations, feel that their interests have not been fully

It is realized that no matter how fully a schedule recommended may meet the needs of the Army as a whole there will be some who will think that their interests have been slighted. Yet, in the instance mentioned, there is an outstanding inequality which should be carefully considered in pay revision

and readjustment.
It is certain that the Non-commissioned Officers appointed by the Sec-retary of War in 1929 to consider and present the views of the enlisted men in regard to pay had this in mind when they agreed to recommend a schedule of \$100.00 for the third grade, \$125.00 for the second grade, and \$150.00 for the first grade, a happier proportion, indeed, than that fixed by the Act of

This is further emphasized when one considers how few enlisted men are privileged to reach the grade of Master Sergeant prior to retirement in view of the very limited number now fixed by law for that grade. Certainly, some thought should be given toward providing adequate compensation for those who represent such an important part of "the backbone of the Army."

May I ask that you consider and urge this phase of the enlisted men's pay problem?

Tech. Sgt., QMC.

PARITY: A FABLE By Mary Ada Underhill

TWO respectable athletes, each widely renowned for his sportsmanlike attitude, arranged to meet in a contest of strength and and skill. Now John, it so happened, had long held the undisputed championship, whereby he possessed such a trophy as was the dream of all ambitious sportsmen. And he had been secretly perturbed when Samuel at length challenged his title, Samuel at length challenged his title, particularly as he himself realized, on the eve of the tourney, that one of his hands had begun to atrophy.

Nevertheless, hoping that Samuel would fail to notice this handicap, he entered the areas with a mask of smil-

ing self-confidence.

The match had not even started, however, when John became fully aware that his weakness might well prove his undoing. So with true sporting instinct, and with uncanny knowledge Supports Pay Move

THE following resolution has been unanimously adopted by the Indiana Department of the American

Whereas the present pay of the rmy, Navy, Marine Corps, Coast and Whereas the present pay of the Army, Navy, Marine Corps, Coast and Geodetic Survey, Coast Guard and Public Health Service, is so low that members of these services cannot live with the degree of comfort enjoyed by their associates in civil life, and

Whereas the fact that our government, the richest on earth, permits this poor pay schedule to continue, has caused discontent in these services that adversely affects their efficiency to a degree that would bode ill for the nation especially as the very life of the nation might depend on the loyalty, efficiency and contentment of these ser vices, and

Whereas Congress has, during the past eight years granted increases in pay to the Cabinet, Congressmen, the Judiciary, Civil Service Clerks, Post Office Inspectors, Assistant Secretaries, Public School Employes of Washington, D. C., and to Foreign Services of the United States Government amounting to from 25 per cent to 175 per cent ing to from 25 per cent to 175 per cent of former existing wage scale, and

Whereas, a representative from each of the above services, appointed by the War Department Secretary thereof and forming an Inter-Departmental Board,

has made an exhaustive study thereof and recommendations thereon, Therefore be it resolved that the American Legion of the Department of Indiana, in 12th Convention asembled, strongly urge Congress to this matter attention to the end that a proper increase in the wage scale of these services be granted immediately.

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Be it further resolved that our representatives at the national convention at Boston use every effort to see that this resolution forms a part of the preferred activities of the American Legion for the ensuing year; and that copies of this resolution be furnished to the commander of each Legion Department, to the President, the President of the Senate, the Speaker of the House of Popularia and the House of Representatives to the members of the Appropriations Committees of Congress, and the Com-mittee of Military and Naval Affairs.

of his adversary, he addressed the challenger as follows: "Samuel, Old Thing, share this championship with Thing, share this championship me; or take the trophy, if you wish it, I do not care for it, anyhow."

Whereupon Samuel, inspired by his own pectilar genius of sportsmanship, replied with a courtly bow "I am afraid, John, that one of your hands has met with an accident. Please wait a moment." And after busying himself briefly with some mysterious sleightof-hand, he continued: "You see, I have tied both my hands securely behind my back. Now let us proceed with the meet."

ARMY BLUES (Contributed)

He is my husband, I, his wife, And we live a quiet sort of a life With our one chick in quarters small, (No ivy clings beside our wall). There's cement in front and cinders

in back, (No roses climb beside our shack). Our patron saint's a grand old man, Hevered and honored, called Uncle

Who cares for his army children so That the elements, the heat and snow, May come right in to our fireside the chinks in the doors and win-By dows wide.

For our abode is a friendly place, Within its walls the mousies race, The spiders crawl and the cockroach

A way to occupy our minds, As armed with a big Flit gun we go To protect the food in the pantry so Husband, wife and chick won't starve. For an officer must be free to carve His little niche in our hall of fame, (Where the rank gets the glory, the juniors the blame!)

We do not whine over-much I think, He at his batt'ry, I at my sink, The Chick at the post school where

To read and write and never spurns The grimy walls, the greasy floors, The white blackboards, the black white

And we sing in praise of our Uncle Sam And have good times and don't give a damn

As we work and sweat to protect a nation

That gives short pay and shorter rations.

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National Guard U. S. A. Reserve

THE CIVILIAN COMPONENTS

U. S. Naval Reserve Naval Militia

39th RTC Reunion

AT THE recent American Legion convention at Boston, 51 former members of the 39th Railroad Transportation Corps, a maintenance organization, held a jolly reunion at the Hotel Stat-Of the original 800, sixty have died since the war. Mr. B. E. Ryan, 308 Central street, Elkins, W. Va., is compiling a roster of surviving members with their addresses and will be glad to hear from former comrades.

A start has been made to purchase the original camp site at Marcy, Nievre, France, and erect on the only surviving structure of war days, the Y. M. C. A. hut chimney, a bronze tablet with French and English inscriptions. A number of the veterans plan to make a sentimental journey to the scenes of their activities along the Paris Lyons & Mediterranean Railroad lines from Paris to Bar-le-duc in 1932 or 1933.

First Division Notes

GEN. CHARLES P. SUMMERALL,

GEN. CHARLES P. SUMMERALL, the Chief of Staff of the Army, made an informal inspection of Ft. Wadsworth, Oct. 9. He expressed himself as well pleased with the conditions of the Post and the prograss being made on the new building program.

The annual administrative and tactical inspection of the garrison at Ft. Niagara will be held today. Maj. Gen. Ely, Commanding General, 2nd Corps Area; Maj. Gen. Holbrook, Commanding General, 1st Division, and Brig. Gen. Jackson, Commanding General, 2nd Brigade, arrived Friday evening. Saturday forenoon will be given over to the review of the troops followed by full field inspection. In the afternoon there will be tactical inspection and combat firing. The day will close with a reception and dance in honor of Gens. Ely, Holbrook and Jackson.

A salute and escort of honor was given Brig. Gen. Lucius R. Holbrook, Commanding General, 1st Division, upon his arrival at Governors Island,

Commanding General, 1st Division, upon his arrival at Governors Island, on Oct. 8, to call upon the Commanding General, 2nd Corps Area. Co. E, 16th Inf., constituted the escort of

honor.

The Commanding Officer, the Executive Officer, and the Regimental Staff, 16th Inf., went to Ft. Hamilton on Oct. 8, to be presented to Gen. Holbrook, the new Commanding General of the 1st Division. The regimental colors restricted in a massing of colors of 1st Division. The regimental colors participated in a massing of colors of

the division.
The 3rd Battalion, 28th Inf., sta tioned at Ft. Ontario, completed its two weeks' annual practice march, and returned to its home station on Oct. 5. Every week day was utilized in valuable practice maneuvers over terrain well suited for squad, platoon and com-

pany problems.
Co. M, 28th Inf., returned from the 2nd Brigade Machine Gun School at Pine Camp, N. Y., on Oct. 8. The school was of one month's duration and during that time many valuable new ideas were transmitted to the six comof the brigade that attended the school.

Governor's Day was observed at Ft. du Pont on Oct. 9. C. Douglas Buck, Governor of Delaware, arrived at Ft. du Pont at 3 o'clock, accompanied by members of his staff. After receiving the prescribed honors, Governor Buck reviewed and inspected the 1st Frages. the prescribed honors, Governor Buck reviewed and inspected the 1st Engrs. Following the review there was a guard mount and a tent pitching demonstration. Governor Buck then inspected the post, commenting very favorably on the appearance of the quarters and stables. After the inspection, the officers and ladies of the post honored the Governor and Mrs. Buck with a tea at the Officers' Club. Among the guests invited to meet Governor and Mrs. Buck were several of the local civil officials and members of the Officers' Reserve Corps residing in the vicinity of the post.

Passing of Rockaway Field

BIDS will be opened by the Bureau of Yards and Docks, Navy Depart-ment, Oct. 22 for the removal of buildings and other structures at the Naval Reserve Aviation Base, Rockaway Beach, Long Island, N. Y.

Upon the completion of the proposed contract the site will revert to the city of New York and will be improved as Industry in War

TEN billion dollars would be spent during the first 12 months of any possible major conflict involving this country, Col. Frederick H. Payne, the Assistant Secretary of War, told mem-bers of the Society of Industrial Engi-

bers of the Society of Industrial Engineers, meeting here Oct. 17.

Describing the War Department plans for industrial mobilization, which, he said, would prevent the recurrence of many major mistakes that marked our efforts to procure munitions in 1917, Col. Payne declared more than 14,000 manufacturing establishments have cooperated with the Army to provide comprehensive data for the scientific. effective placement of orscientific, effective placement of or-

"Under the present plan," the speaker said, "there will be no competition between buyers because each has been allotted specific concerns with which to deal. Thus one great cause of rising prices will be removed. There will be no congestion in some sections and idleness in others because producand idleness in others, because produc-tion tasks are distributed in accord-ance with capacity. Finally, since each inddustrial establishment has been forewarned of the task it will be expected to perform, the production of essential munitions can begin with the least possible delay."

Suspect Sabotage

AN INVESTIGATION into the origin A of the disastrous fire which nearly destroyed the USS Colorado last June has been underway for some time as a result of suspicious circumstances pointing to sabotage.

Fire broke out on board the Colorado

on June 2, while the battleship was at Colon waiting passage of the Panama Canal. The fire destroyed the plotting room of the vessel and necessitated exroom of the vessel and necessitated expensive repairs. The Colorado was taken to the Brooklyn Navy Yard for overhaul and upon investigation it was discovered that phonograph needles had been stuck into the electric wires in the plotting room. Belief that they may have been placed there with malicious intent led to an inquiry being instituted by Naval Intelligence investigators. vestigators.

Secretary of the Navy Adams, questioned as to the probe, said: "It is possible that the investigation may disclose that the needles got into the cables in some natural way. At the outset our suspicions were aroused and an investigation was directed. I have not received a report on the outcome but so far nothing has been found to show that the fire was not of natural cause."

Reports that the investigation had keports that the investigation had been made by sleuths disguised as sailors, who have been aboard the Colorado for weeks were about, but Secretary Adams declared that he knew nothing

Must Learn Wig-Wag

COMMUNICATION officers of the

COMMUNICATION officers of the Naval Reserve will be expected in the future to have a knowledge of visual signaling it is announced and possibly may have to qualify in this phase of communication work.

Officers in Class C-V(S) of the Reserve are considered primarily as radio officers and up to the present time have not been required to qualify in connection with visual signalling. However, since many of these officers are intended for duty as communication officers on shipboard, in case of war, the Office of Naval Operations and the Bureau of Navigation feel that C-V(S) officers should have a knowledge of this type of signalling. With this in view, the Bureau has forwarded a number of copies of the "Boat Book of the United States Navy," to the various Naval districts, for distribution to C-V(S) officers. The Boat Book contains in addition to information of a general nature, a number of plates of flags and pennants. Chapters 5 to 8, inclusive, contain information in connection with visual signals, which will be of considerable value to C-V (S) officers.

Ships' Standing

STANDING of the highest of the following class of vessels in the United States Navy in Engineering for the year to Sept. 1, 1930: SUBMARINE CLASS:

(1) S-29, (2) S-26, (3) S-47, (4) S-27, (5) R-12, (6) S-6, (7) S-17, (8) S-16, (9) R-19, (10) V-4.

Active Duty for AC-Res.

NO RESERVE OFFICER above the grade of second lieutenant will be

No RESERVE OFFICER above the grade of second lieutenant will be ordered to extended active duty with a tactical unit of the Air Corps, the War Department announced recently. In making this announcement the Department cancelled File Ag 210.313 Air-Res. (12-18-28), Ag 210.313 Air-Res. (7-10-19), and Ag 210.313 Air-Res. (11-11-29).

An officer of higher grade may resign his higher commission and be recommissioned in the grade of second lieutenant to become eligible for this duty, the Department's letter Stated, and the applicant must be classed as a Group I pilot.

Applications on W. D., A. G. O., Form 109, of Air Corps Reserve Officers for extended active duty should be carefully examined at Corps Area Headquarters with a view to corroborating the qualifications and flying time claimed therein, the War Department cautioned. Forwarding indorsements of Corps Area Commanders should contain the group flying classification of the applicant together with all other available pertinent information which would be of assistance in determining whether the applicant should be granted extended active duty. Air Corps Reserve Officers will not be recommended for extended active

Air Corps Reserve Officers will not be recommended for extended active duty unless they hold the rating of airplane pilot. Since the publication of Air Corps Circular 50-10, Feb. 19, it was stated, the airplane-pilot rating is the recognized standard pilot rating of the Air Corps. of the Air Corps.

War Dept. Orders To Organized Reserves

1st Lt. J. L. Carter, Dent.-Res., from duty at Presidio of S. F., Calif., Oct. 18, report comdg. officer, Letterman Gen. Hosp., for duty. (Oct. 11.)

The following of Sig-Res., to active duty, Nov. 2, at Washington, D. C., Chief Signal Off., for training.

Col. C. I. DeWitt, Lt. Col. J. R. White-head. (Oct. 11.) 2nd Lt. J. H. Rose, Air-Res., to active duty, Jan. 2, at Post Field, Okla., for duty. (Oct. 13.)

duty.

duty. (Oct. 13.)

2nd Lt. G. E. Perceful, Air-Res., to active duty, Jan. 2, at Post Fld., Okla., for duty. (Oct. 13.)

2nd Lt. Dewey Bartio, Air-Res., to active duty, Dec. 29, at Langley Fld., Va., for duty. (Oct. 15.)

Capt. J. F. Ploeger, Engr-Res., to active duty, Oct. 20, at Pittsburgh Pa., engr. procurement district, Pittsburgh, Pa., for training. (Oct. 15.)

The following to active duty, Nov. 3, at Chicago qm. depot, Chicago, Ill., for training:

Capt. J. C. Goss, Spec-Res., and Capt.

at Chicago qm. depot, Chicago, Ill., for training:

Capt. J. C. Goss, Spec-Res., and Capt. H. S. Sweeney, QM-Res. (Oct. 15.)

Capt. H. M. Behan, QM-Res., to active duty, Nov. 3, at Chicago qm. depot, Chicago, Ill., for training. (Oct. 15.)

Capt. J. H. Hollister, Chap-Res., to active duty, Oct. 19, at Army Medical Center, Wash., D. C., for training. (Oct. 16.)

2nd Lt. E. E. Myers, Air-Res., to active duty, Oct. 20, at Marshall Fld., Ft. Riley, Kans., for duty with a tactical unit of AC. (Oct. 16.)

Maj. E. F. Norelius. Ord-Res., on active duty, in office of Ch. of Ord., proceed Oct. 16, to U. S. Wheel Tracklayer Corp., Rahway, N. J., for duty.

Lt. Col. R. H. Whitney, FA-Res., to active duty, Nov. 12, at Wash., D. C., Ch. of Staff for duty. (Oct. 16.)

1st Lt. E. B. Ogden, QM-Res., to active duty, Oct. 19, at Front Royal, Va., Front Royal qm. depot for training. (Oct. 16.)

1st Lt. L. D. Straube, Dent-Res., to active duty, Nov. 1, at Ft. Benning, Ga., for duty. (Oct. 16.)

To Build Pier

CONTRACT for the reconstruction of the inboard end of Pier 2 at the Navy Yard, Philadelphia, has been awarded to Triest & Earle, Inc., 1128 Real Estate building, Philadelphia, for

The contract will cover the removal of the old timber cribwork of the pier and its reconstruction, using timber piling supporting a platform, concrete retaining walls at the sides and earth fill. The pier will be paved and pro-vision made for service pipe and electrical circuits for ships at the berths. Railroad tracks and tracks for heavy crane will be provided.

Actual work on the construction will not start until about April of next year. Completion is due within 300 days of the starting time.

Naval Reserve Notes

THE Bureau of Navigation has recently received from the Public Printer a manual prepared for the instruction of officers of the Naval Reserve on the subject of Interior Communication on Shipboard. This manual is entitled "Interior Control Manual for the Use of the Naval Reserve."

Distribution of this pamphlet is being made direct to various organizations of the Fleet Naval Reserve on the basis of four copies for each Fleet and Aviation Division and two copies for each Headquarters Division. additional supply is being shipped direct to the Commandant as a reserve supply for loan to such individual reservists as may seem desirable.

A change in the definition of drill for the Naval Reserve has been made by the Bureau of Navigation and incorporated in the Bureau of Naviga-tion Manual. The new definition is quoted as follows:

A drill will be interpreted as an assembly, other than a week-end cruise, designated in advance, at which practical work of not less than one and one-half hours' duration, in duties pertaining to the Navy, is conducted. The drill for a fleet or aviation division may be either a division drill or a battalion or a squadron drill. No drill may be held on a Sunday or a legal holiday.

For a battalion headquarters divi-sion or a fleet division, not more than one drill shall be held in any one cal-

endar week.

For a squadron headquarters division or an aviation division, not more than three in any one week, nor more than four in any one month.

New Planes for Guard

New Planes for Guard

THE Douglas Aircraft Company,
Santa Monica, Calif., reports through
the United States Army Air Corps
representative on duty at its plant,
that the 46 0-38 observation planes
which are being manufactured by it
for the observations squadrons of the
National Guard were completed for delivery beginning Oct. 1, 1930.

During October five each will be delivered to the 109th Squadron, St. Paul,
Minn.; the 116th Squadron, Seattle,
Wash., and the 112th Squadron, Cleveland, Ohio.

During November five each will be
delivered to the 118th Squadron, New
York, Staten Island, N. Y.; the 108th
Squadron, Chicago, Ill., and the 104th
Squadron, Baltimore, Md.

In December five each will be delivered to the 115th Squadrons, Los
Angeles, Calif., and the 120th Squadron,
Denver, Colo.

These planes are powered by single
motor 9-cylinder, 525-horsepower, highcompression Pratt & Whitney Hornet
engines and are of the same general
type of biplanes which the Government
has been furnishing the National
Guard squadrons in recent years, plus
the improvements adopted by the Air
Corps of the Army from time to time.
These are the first planes with high
compression engines which have been
furnished the National Guard.

The Militia Bureau fully appreciates
its responsibility to the personnel of
these squadrons and is keeping their
equipment up to date in every respect
as far as available funds permit.

Lt. Mead in USNR

Lt. Mead in USAR

It ALFRED R. MEAD, who recently resigned from the Navy and
was formerly aide to Rear Adm. William A. Moffett, Chief of the Bureau
of Aeronautics, has accepted a commission in the Naval Reserve.

Lt. Mead, who is a graduate of the
Naval Academy class of 1922, has been
designated as a lieutenant, A-F.

ALL MODERN NAVAL AIRCRAFT ENGINES ARE EQUIPPED WITH SCINTILLA AIRCRAFT MAGNETOS

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FI NANCE



31,000 PEOPLE KILLED LAST YEAR IN AUTOMOBILE ACCIDENTS. In a large number of cases it was the fault of a driver, and the owner in such cases is usually legally liable for the deaths, injuries, and damage to the property of others, resulting from the driver's

Fopersy of others, feather fault.

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ANCE FOR YEAR EFFECTION RELIABLES WAS 69.8% OF COST IN RELIABLES COMPANIES.
Officers, Warrant Officers, and assimilated grades of the Army, Navy, Marine Corps, Nurse Corps, Public Health Service, Coast and Geodetic Survey, and U. S. Coast Guard only, are eligible for membership.

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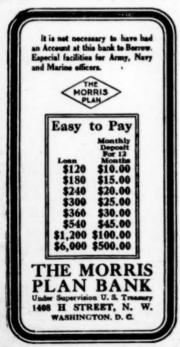
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ion Trust Company of the District of Columbia uthwest Corner of 15th and H Sts., N. W. WASHINGTON, D. C. CAPITAL AND SUBPLUS \$2,500,000



Navy Day Broadcasted

ON Navy Day naval radio stations will broadcast messages of Secre-tary of the Navy Charles Francis Adams and of the Chief of Naval Op-erations, Adm. William V. Pratt, USN.

The Secretary of the Navy's message will be addressed to the radio amateurs of America at 7:30 p.m., Eastern Standard Time, and will be sent from Washington and San Francisco. Washington will use frequencies of 4015 and 8870 kilocycles, simultaneously, and San Francisco will use 4385 and 8770 kilocycles.

Adm. Pratt's message will be ad-

Adm. Pratt's message will be addressed to the masters of the United States' merchant vessels. It will be dressed to the masters of the United States' merchant vessels. It will be added to the regular weather and hydrographic broadcast from the following stations: Washington, Boston, Mass.; Brownsville, Tex.; Charleston, S. C.; Eureka, Calif.; Great Lakes, Ill.; Guantanamo Bay, Cuba; Jupiter, Fla.; Key West, Fla.; New Orleans, La.; Dutch Harbor, Alaska; New York, N. Y.; Norfolk, Va.; Astoria, Oreg.; Pensacola, Fla.; Philadelphia, Pa.; Puget Sound, Wash.; San Diego, Calif.; San Francisco, Calif.; Savannah, Ga.; St. Augustine, Fla.; Tatoosh, Wash.; Newport, R. I.; Honolulu, T. H.; San Juan, P. R.; Balboa, C. Z.; Cavite, P. I.; Tutuila, Samoa. I.; Tutuila, Samoa.

An additional feature is incorporated in the message from the Chief of Naval Operations, as it will take the nature of an emergency radio test between the Navy and its sister service, the merchant marine.

AC Bombing Practice

THE rocky hills in the vicinity of Ft. Sill, Okla., will be somewhat reduced in size when some of the expert Army bombers complete their warming up practice of hurling some of their most modern missiles of destruction. Three giant Curtiss "Condor" bombing planes from the 7th Bombardment Group, stationed at Rockwell Field, San Diego Calif leaded with an assortment Diego, Calif., loaded with an assortment of bombs of various types, ranging from 300 to 2,000 pounds in weight, on Oct. 20 will journey to Ft. Sill, hover over the hills surrounding this famous old Army post, and proceed to lay

The purpose of this mission of destruction is to conduct an actual test of the functioning of bomb fuses and to ascertain the effectiveness of various types of bombs on extremely hard surfaces. Ft. Sill was chosen as the site for this demonstration in view of the for this demonstration in view of the rocky hills in its vicinity, and because no other suitable area has been found available in the vicinity of other Army reservations in the United States. The bombs will be dropped from high altitudes and Ft. Sill lends itself admirably for this demonstration because of the safety it will afford the observing personnel.

To Command Pennsylvania

ORDERS have been issued to Capt. Alfred W. Johnson, USN, to com mand the battleship USS Pennsylvania upon the completion of his duties in Nicaragua. Capt. Johnson is presi-dent of the National Board of Elections, with the rank of envoy extraordinary and minister plenipotentiary, in connection with the Nicaraguan congressional elections which are to be held Nov. 4.

The Pennsylvania is now at the Philadelphia Navy Yard being modernized and her scheduled date of completion is March 1, 1931. She will operate on the Atlantic Coast for a shakedown cruise, gun calibration and post machinery overhaul, and will then rejoin the Battle Fleet.

Aircraft Carrier Bid

SECRETARY of the Navy Charles Francis Adams yesterday awarded the contract for construction of Aircraft Carrier, No. 4 to the Newport News Shipbuilding and Dry Dock Company, Newport News, Va. The bid submitted by the Newport News firm was \$15,560,000 for hull and machinery, with a construction period of 40 months.

The new carrier, which will have a designed displacement of 13,800, is the first aircraft carrier in the Navy designed from the keep up for aircraft work in the Fleet. Appropriations totaling \$4,050,000 have been made by Congress for starting construction.

Financial Digest

THE drastic break in prices, we believe, has increased outside interest which for weeks has been relatively dormant, states a recent stock letter of the E. A. Pierce Co.

"Relatively speaking, and in marked contrast with a year ago, the public has not been, we think, actively participating and there has been a marked disinclination to increase holdings," the

disinclination to increase holdings," the letter continues. "We think this was true even during the latter part of August and the early part of September when the vigorous but short-lived recovery was in progress.

"The liquidation which has occurred during the past month, however, has brought many issues to a point where they are naturally and logically attracting buying interest which, while it may not have gathered substantial momentum up to the present time, will, we feel, exert a steadily increasing influence from this time on.

"When a stock like Loew's, for ex-

"When a stock like Loew's, for example, breaks to the low fifties it ample, breaks to the low fittes it stands out as a reasonable purchase on its demonstrated earning power and position in the amusement industry. Similarly Liquid Carbonic below 50 had been liquidated to a level where it demanded buying attention on its in-dividual earnings position and record. dividual earnings position and record. One of the cheap speculative stocks in One of the cheap speculative stocks in the petroleum group is, we think, Continental Oil, strong in cash and with production and marketing assets which, when measured against current market price for the stock, reveals a comparison in which the shares appear definitely attractive.

"To make the flat statement that liquidation had been completed would very possibly prove to be inaccurate, but we do expect a gradual and steady change in sentiment, with the result that instead of additional and fresh selling on market weakness, as has been

selling on market weakness, as has been the case during the past month, there will develop instead increasing buying

Ft. Snelling Maneuvers

Ft. Snelling Maneuvers
Ft. Snelling, Minn.—The garrison is ready to go into active campaign at once and without further training, in the opinion of Brig. Gen. LeRoy Eltinge, commander of the 14th Brigade, who completed a three-day tactical inspection at the Fort Oct. 11. "Considering the many other duties performed in connection with the Summer camps, military show and the like, the state of training is remarkably good," he said at the critique which closed the exercises Saturday noon. exercises Saturday noon.

The inspection which started Thursay noon when the 3rd Infantry day noon when the 3rd Infantry marched out of barracks with full war equipment, was one of the most thorough that the garrison has undergone in recent years, and covered nearly every phase of training. From Thursday noon until 3 p. m., Friday, the garrison of the Fort was separated from all post facilities subsisting entirely from their rolling kitchens and trains.

During this period the regiment made a road-march subject to enemy resistance and air attacks, went into camp with a completely organized outpost, made an assault at daybreak, the regiment being supported by tanks, howitzers and field artillery and finally organized the captured ground for de-

To assist in testing the anti-aircraft To assist in testing the anti-aircraft training of the troops and the groundair communications, three Army observation planes were sent from Marshall Field, and took an active part throughout the maneuvers. Time after time the three planes in V formation flew down to within 100 feet of the marching column the troops replying with ing column, the troops replying with bursts of fire from machine guns and

Col. David L. Stone personally commanded the field force, consisting of 37 officers and 1055 men, throughout the maneuvers and was highly commended by Gen. Eltinge for the success of the maneuvers and the excellent state of training of the troops.

ARMY MUTUAL AID

New Army Mutual Aid Association Insurance Certificates Issued: 1st Lt. Arthur B. Nicholson, CAC; 1st Lt. Mallory C. Jones, DC; 2nd Lt. William R. Bleakney, Inf.; Capt. Charles S. Coulter, Inf.; 1st Lt. Robert R. Martin, Inf.; Capt. Henry H. Fay, Inf., and Cadet Alfred D. Starbird, USMA.

Quantico Notes

Quantico, Va.—Mayor Harry A. Mackey, of Philadelphia, and a large party of friends were guests of honor at a special program of aerial maneuvers at Brown Field here Oct. 13, Twenty-two planes under the com-mand of Lt. Lawson Sanderson, par-ticipated in the exhibition.

ticipated in the exhibition.

Mayor Mackey and his party traveled by train from Philadelphia to Washington and were met at the Union Station by Maj. Gen. Smedley Butler and members of the staff. Those in the Mayor's party included Mr. Theo. Rosen, Mr. Dervin, Col. V. A. Carroll, H. W. Jarvis, B. E. Curran, J. Howard Berry, Joseph Fleming, E. W. Heller, J. Quinn, R. Koop, J. Knowlton, J. Keating, Stewart Kirk, Gen. Butler received the Philadel-

Gen. Butler received the Philadelphians and escorted them to their places ot watch the maneuvers. A sunset parade in which the Marine detachment wore "dress blues" wound up the afternoon program and then the visitors were guests of Gen. Butler at dinner. A smoker in the evening condinner. A smoker in the evening con-cluded the day's festivities.

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BUSINESS ACTIVITIES OF THE SERVICES

2nd CA Construction

THE Army housing and construction program has made, and is making, considerable progress in the Second Corps Area which includes the States of New York, New Jersey, and Delaware, a number of projects having been wholly completed, some buildings being now in course of erection or about to begin, while other construction work has been authorized but which is awaiting appropriations by Congress under the financial program of the fiscal year 1932.

The projects already authorized, apropriated for, and completed are

follows:
Delaware Ordnance Depot, New Jersey. Eight magazines were constructed for the storage of explosives, the amount appropriated therefor being \$36,000, and the buildings being of the follows:

curved roof type.
Governors Island. A barge wharf,

Governors Island. A barge wharf, for which \$80,000 was appropriated. Fort Jay, Governors Island. One Infantry Regimental Barracks was erected at the south end of the island, this being a three-story structure, with porches on the southern exposure, and having a drill hall about two hundred feet in length on the upper floor. This building, for which \$1,386,000 was appropriated, is now occupied and in addition to being of great utility, presents a pleasing aspect to passengers on boats coming up the harbor.

Mitchel Field, Long Island, N. Y. Two Air Corps barracks, for which \$285,000 was provided. These buildings are two-storied, which is the customary plan at air fields, in order to reduce the flying hazard. These buildings are of reinforced concrete with brick exterior and have slate roofs.

ings are of reinforced concrete with brick exterior and have slate roofs. Fort Monmouth, New Jersey. One field officers' quarters; six company officers' quarters, and two non-commis-sioned officers' quarters, at a total ap-propriation of \$87,000. Also, five 4-family apartment houses for quartering

RESERVE C

Toilet Supplies Ordered

THE Quartermaster, San Francisco General Depot, Ft. Mason, Calif., recently isued proposals for bids on various toilet articles, the bids to be opened Oct. 20. Among the supplies called for are 600 Auto-Strop safety razor blades; 600 (new style) Gillette safety razor blades; 144 Prophylactic tooth brushes; 600 cakes Lifebuoy soap, 720 cakes Kirks Hard Water soap, 720 rakes Palmeling soan and 200 cakes cakes cakes Palmolive soap and 200 cakes Ivory soap.

twenty company officers, and an apartment house for quarters of sixteen bachelor officers, at a value of \$350,000. These structures are of brick with slate roofs. The bachelor officers' quarters, of which these are the first of a series of such buildings for this class of officers, provide a living room, a bed room and a bath, for each officer, with a community dining room and kitchen on the first floor and a central general living room. The family apartment houses are all of the 4-family type with separate entrances, such as those at Ft. Riley which proved so successful. successful.

Fort Niagara, N. Y. Restoration of the old castle at that location and which the old castle at that location and which was built during the French and Indian Wars, is one of the oldest military structures still standing in North America. With the aid of voluntary subscriptions from the local historical society, this famous building has been restored and will be used for housing museum.

Picatinny Arsenal, near Dover, N. J. Construction of a number of technical buildings, amounting to about \$1,300,-

Fort Wadsworth, Staten Island, N.Y. One Infantry Battalion Barracks to house 399 soldiers, the amount appropriated being \$325,000.

West Point, N. Y. The new mess

hall and the company officers' quarters have been completed.

The projects for the Second Corps Area and which are now in progress are as follows:

Mitchel Field. Quarters for fourteen non-commissioned officers, at a cost of \$120,000. The contract date for completion is Nov. 15, 1930. An Air Corps warehouse, at a cost of \$38,000. The contract date for completion is Jan. 31, 1931

Fort Monmouth. One set of field officers' quarters, one bachelor officers' quarters, and three four-family apartments, all of the same general type as those above described, at a total cost of \$350,000. The contract date for completion is July 5, 1931.

Plattsburg Barracks, Plattsburg, N. Y. One barracks for 45 men and an addition to the hospital, at a total cost of \$100,000. The date for completion is Feb. 15, 1931.

West Point. Cadet barracks, appropriation \$600,000, more than one-third completed.

Among other construction projects for the Second Corps Area and which have been authorized and appropriated for, and for which plans are now being developed, are:

Fort Jay Detackment Paymeter

Fort Jay. Detachment Barracks, \$300,000. A 64-bed hospital, \$400,000. Fort Monmouth. Twelve non-com quarters, \$100,000.

Raritan Arsenal, N. J. Five non-com quarters, \$24,000. Ten-bed hos-pital, \$50,000.

Fort Slocum, N. Y. One two-company barracks, \$180,000.

Fort Wadsworth. Four non-com quarters, \$30,000, battalion barracks, \$350,000.

West Point. Eighteen non-com quarters, \$165,000. Twenty-eight officers' quarters, \$507,000.

The projects which are in the authorized program as to the Second Corps Area, but awaiting appropriation are

Area, but awaiting appears as follows:
Fort Hamilton, Brooklyn, N. Y. Addition to hospital, \$60,000.
Fort Jay. Nurses quarters, \$25,000; officers' quarters, \$184,000; non-com officers' quarters, \$400,000.
Mitchel Field. Officers' quarters, \$375,000; non-com officers' quarters, \$180,000; warehouse, utilities, etc., \$222,000.

\$242,000. Fort Monmouth. Officers' quarters, \$100,000; non-com officers' quarters,

Fort Ontario. Addition to hospital,

Plattsburg Barracks. Kitchen and mess hall, \$75,000. Fort Wadsworth. Officers' quarters,

\$50,000.

West Point. Officers' quarters, \$246,-000; band barracks and practice room,

Federal Recognitions

FEDERAL recognition as officers of the indicated rank in their respective States has been extended to the following National Guard officers:

Alabama—Walter S. Stapler, 2nd Lt., AC; Clifton Stephenson, Jr., 2nd Lt., AC; George E. Whittle, 2nd Lt., FA; Luther N. Johnson, 2nd Lt., AC; H. G. Keller, 2nd Lt., AC.

Arizona—William J. Long, Capt. Inf.; Delbert L. Stapley, Maj., Inf. Illinois—Clifford A. McElvain, Maj., AC; Nicholas B. Clinch, Capt., AC; James C. Keogh, 1st Lt., AC.

New Mexico-John D. Lamon, Jr., Maj.,

New York-Gustavus W. Hobbs, Jr., Chap. Capt.; Harold C. King, 1st Lt., AC. Ohio-Floyd C. Poulson, 2nd Lt., FA; David E. Rumel, 2nd Lt., FA.

Pennsylvania—Francis J. McNamara, Capt., FA.

Tennessee-Faul H. Jordan, Capt., Cav.; Ernest G. Smith, 1st Lt., Inf.

Texas—Morrie B. Young, 1st Lt., SC. Utah—Clark Young, Capt., MC.

Test Your Knowledge

(Answers to questions on page 154)
1. Maj. Sylvanus Thayer instituted a system of marking upon his appointment as Superintendent, July 28, 1817, which has been continued without ma-

which has been continued without material revision to the present day.

2. The first Army was organized Aug. 10, 1918, and was under the command of Gen. Pershing until Oct. 12, when Lt. Gen. Hunter Liggett took over the command.

3. In the American Army the allowance of machine guns in 1912 was four per-regiment.

per-regiment.

4. The first flyers in action wearing the American uniform were members of the Lafayette Escadrille, who were transferred to the American service in Dec., 1917. 5. King John of England is popular-ly known as the founder of the Brit-

ish Navy.

6. The Board of Commissions pre-6. The Board of Commissions preceded the systems of bureaus now in force in the Navy, and carried on the work of the Navy Department from 1815 to 1842. It was composed of captains of the Navy.

7. Rear Adm. C. H. Davis was the first Chief of the Bureau of Navigation serving from July 17, 1862, to April 27, 1865.

8. The course of instruction at the Naval Academy was at first two years with three years spent at sea between the two. This was later changed to two years at the Academy, then three years at sea, and then two more years at the Academy. The present four-year course went into effect in 1851.

Submit Your Christmas STORY of the Services Now 1930 Christmas Story Winning Contest. By Competing in the Army and Navy Journal's Three Story Prizes Offered First Prize...... \$25 Second Prize...... 15 Third Prize.....

Open to All Readers! The contest is open to all readers whether subscribers or not, and to their families and children. Manuscripts should be addressed to Christmas Story Editor, Army and Navy Journal, 1800 E Street Northwest, Washington, D. C. Stories should be 600 words or less; all entries must be in the editor's hands not later than midnight, December 7. Winners will receive prizes in time for Christmas Shopping. The prize-winning stories will be published in the Journal during the Christmas holidays.

Added Prize! The entrant who sends the most paid-in-advance subscriptions to the Army and

his or her story will receive a prize of \$5 as a Christmas gift. Should the entrant be selected as one of the three story prize winners the Journal will make the gift \$10.

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MISCELLANEOUS

BUILD in Greenlea, adjoining University of Virginia, where retired Army and Navy Officers live. Attractive prices. Paul K. Walp, Charlottesville, Va.

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Ordnance Review

(Continued from Page 163)

industry after the Armistice, and patriotically desiring that the American nation should not be without a reasonable measure of industrial preparedness, the Army Ordnance Association has continuously sought to arouse interest in the plans of the government for the production of its instruments of defense.

instruments of defense.

This centering of interest was especially timely during the post war years when the Ordnance Department was without the adequate means of dealing directly with industry and when it was supremely important that the industrial lessons of the war, learned at great expense and through bitter experience in a thousand munitions factories, should not be forgotten.

Mr. Crowell's Leadership

Most fortunate were we in the selection of a leader for our Army Ordnance Association, Mr. Benedict Crowell. As our Minister of Munitions during the World War, his work had a value impossible of estimation. He occupied a key recition at a time when value impossible of estimation. He oc-cupied a key position at a time when the dictates of personal ambition or the well-intentioned activities of a doctrinaire mind, could equally have spelled disaster for America's war ef-forts. He brought to the work cour-age, loyalty, and a clear common sense which were of the utmost value in a very difficult situation.

very difficult situation.

His work since the War has not been less valuable. We all know what he has done for the Army Ordnance Association, as its president, since the beginning. His counsel has been sought by members of Congress and high officials in the executive departments of the government. His advice has had all the greater weight in that his motives have ever been free from the faintest trace of self-seeking.

To Mr. Crowell, the provisions of the law with respect to retirement do not apply. I trust that we may continue to have the benefit of his efforts and of his wisdom for many years to

and of his wisdom for many years to

When we organized the system of Ordnance Districts, it became possible to turn over to these permanent and official representatives of the Ordnance Department, certain contacts with American industry which had been so wisely and so patriotically maintained by the Army Ordnance Association.

Progress Noted

The work thus assumed by the Ord-nance Department officers has gone forward successfully. The surveying of industrial capacity for the producforward successfully. The surveying of industrial capacity for the production of ordnance has progressed to the point where it has only to be kept up-to-date. Most of our important requirements have been tentatively accepted by the plants best fitted for their manufacture. An intimate and friendly contact is better maintained with industry and the need for procurement planning is becoming understood, and its importance is gradually being recognized by the Nation.

This work has been of a new character to Army officers and it has been necessary to more or less feel our way, but from the experience gained we expect to hasten its progress by more specific instructions for the guidance of our district offices to coordinate all phases of the work without hedging them about with hampering regulations.

While many of the activities formerly the concern of the Army Ordnance Association have been turned over to the districts and can, in fact, be better performed by them than by any other agencies, the Army Ordnance Association is by no means left without important responsibilities. The attention of the Nation must be focused on the need for industrial preparedness.

Today we can look back and see

focused on the need for industrial preparedness.

Today we can look back and see clearly how far we fell short of correctly "estimating the situation" prior to 1914. It would be foolish not to recognize the possibility of the whole world again failing properly to measure a future accumulation of scientific, technical, social, economic, and political developments, until a resultant lack of stability again hurls the world into another contest. This, of course, is not meant to be a preof course, is not meant to be a pre-diction of another world war, but a plea for a general appreciation of the need for constant study to prevent war, and alternatively for the main-tenance of the position of the United States such, that we can make most effective our resources of men and material.

Most Effective Instruments
We would spare the lives of our soldiers by utilizing the most effective instruments modern science can produce. The Ordnance Department is

the interpreter of the fighting forces to the industry.

The Army Ordnance Association exists that the knowledge and experience gleaned in the great World War may not die; that the American Nation shall not be unprepared; that there shall be kept alive a knowledge for the compression and consider the compression. of how to economically and quickly produce its weapons of defense, should a national emergency arise.

Thus, the centering of the interest of the nation in ordnance progress, in the related technical methods, and in general matters of industrial preparedness must be accomplished by publicity; by Army Ordnance Associa-

tion posts and meetings; by journalism; by just such a magazine as "Army Ordnance," which the association has been so successfully publishing during the past 11 years, and which no official War Department activity is in a position to publish. Our congratulations are due to Mr. Crowell and to Maj. Codd on the success of their efforts at making "Army Ordnance" the outstanding publica-Ordnance" the outstanding publica-tion of its kind in the world.

One important project for increasing the effectiveness of our measures for industrial preparedness is the authorization of so-called "educational

orders." This will be discussed by Mr. Trigg, who, in behalf of the U.S. Chamber of Commerce, has given it much thought. The Ordnance Department is enthusiastically back of this movement.

In closing, I want to express my appreciation to every member of the Army Ordnance Association for the Army Ordnance Association for the help and cooperation which that Association has given the Ordnance Department. It has ever been an invaluable aid. Your presence here tonight is a visual evidence that your assistance will be given in the future, as in the past. I thank you.

DIDECTORY CATIONI NULLUUL DIILLEGI OILI

The Journal's Service Department is making a very careful study of the Schools listed in this directory, preparatory to making recommendations meeting the individual needs of Service Children of School age.



Write to the Schools direct, or if you need help, we will be only too glad to assist you. Address your letter personally to the Director, Department of Education, Army and Navy Journal, 1800 E St. N. W., Washington, D. C.

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